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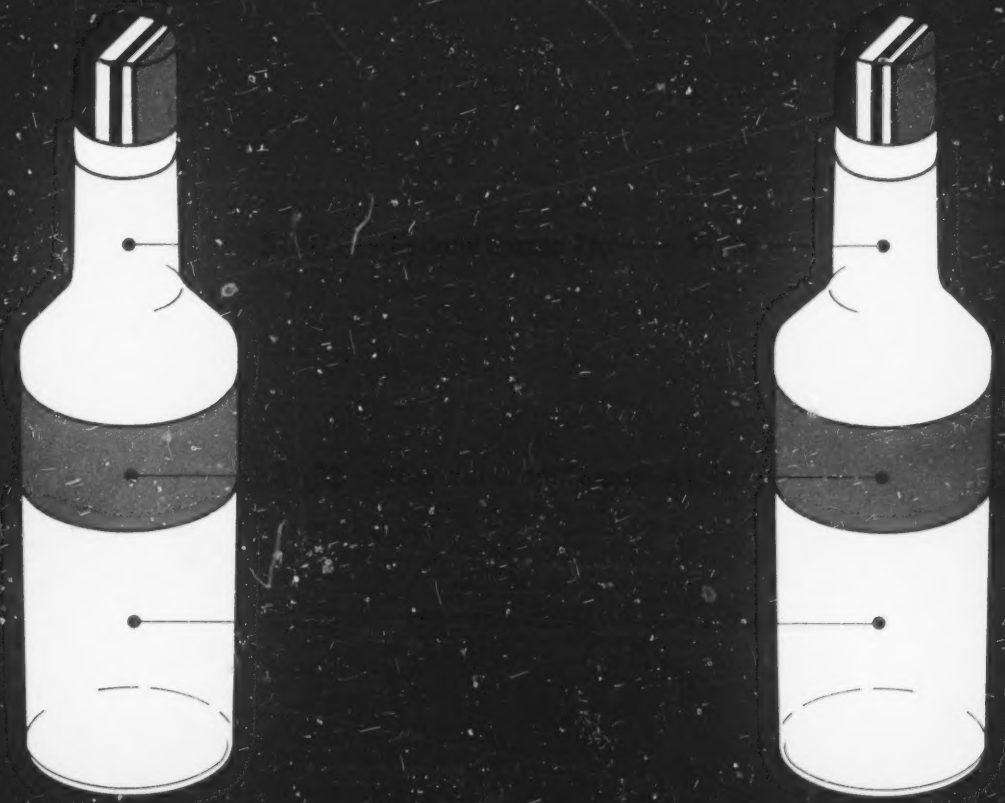
Annual Statistical Review 1984/85

DISTILLED SPIRITS INDUSTRY

Estimated Price Components, Typical 750-ml Bottle of Spirits Sold at Retail, Before, After Federal Excise Tax Increase



Annual Statistical Review 1984/85

DISTILLED SPIRITS INDUSTRY

Compiled and Prepared by
Economics and Statistics
Division
**Distilled Spirits Council
of the United States, Inc.**

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PREFACE

The federal excise tax on distilled spirits will increase 19 percent this year, raising the amount of all taxes levied on a typical bottle of spirits to almost half the retail price—47.5 percent. The high proportion of the retail price results from the higher federal tax and other tax increases that have occurred over the years, with 24 new state tax increases alone imposed in the last two years—aside from increases of general sales taxes. At the same time that taxes have increased, the economic welfare of the distilled spirit industry has deteriorated, especially in contrast to the expansion in other sectors of the U.S. economy.

Consumption, distillation, sales of spirits, and the use of raw materials and services to produce and market spirits have fallen and have affected employment and incomes. The statistics in this *1984/85 Annual Statistical Review* of the Distilled Spirits Industry provides data on these and other trends, trends that are important in understanding the economic and social situation in this major industry and the products that it produces and markets.

Production and marketing of alcohol beverages provide employment for 784,000 people. Payrolls exceed $18 billion, and retail sales total $66 billion. In addition, considerable employment and incomes are generated by the materials and services of other sectors of the U.S. economy needed for producing and marketing spirits—the grain and fruit used in distillation, the bottles, the containers, printing, advertising, and transportation, among others. And of major importance, federal, state, and local governments obtained revenues of $12.5 billion dollars in 1984 from taxes on spirits, beer, and wine, revenues essential to finance a number of basic government functions. The distilled spirits industry alone raised $6.9 billion of such revenues from taxes on its products.

Additional taxes would disrupt the contributions of this important industry to employment, incomes, and government revenues. Before new tax increases are imposed on this industry, careful consideration should be given to the economic and revenue consequences of such increases, especially since expected revenues may not be realized as consumption declines and reduces the amount of spirits that can be taxed.

Perpetually rising taxes have increased the burden carried by distilled spirits to the point of diminishing or no returns. Despite all indications that would advise against imposing new taxes on this industry, it continues to be a target for further increases.

The distilled spirit industry is already shouldering more than its fair share of taxes and should not be subject to the discriminatory treatment that often characterizes the taxes levied on its products. The industry markets its products responsibly and performs functions that serve to meet the legitimate demands of American consumers. Tax discrimination against distilled spirits is not warranted.

F. A. Meister
President

FOREWORD

Apparent consumption of distilled spirits continued to fall in 1984, declining 1.2 percent from 1983, following steeper declines of 1.5 percent in 1983 and 2.6 percent in 1982. In the three years 1982 to 1984, total consumption fell over 5 percent despite a 4.2 percent increase of adult population. On a per capita basis, adult consumption dropped by 8.9 percent and the decline accelerated in the first part of 1985.

A number of social, legal, and economic factors have been responsible for the declining consumption. Among factors cited are higher taxes, raising of the legal drinking age, and increased concern about drunk driving and alcoholism. Efforts by the beverage alcohol industry and others to encourage moderation in the consumption of alcohol beverages also appear to be having an effect.

The decline of consumption has had considerable economic and fiscal significance for the distilled spirits industry and the government revenues that this industry is able to generate. These consumption trends as well as trends of production, bottling, foreign trade, distribution, and state controls among others are presented in this 45th *Annual Statistical Review*. The *Review* is a companion publication to *Public Revenues From Alcohol Beverages*, which provides data on the fiscal aspects of this highly regulated industry.

Reduced Trade

A major indicator of the distilled spirits industry's situation is spirits entering trade channels, which showed a decrease of 2.1 percent in 1984 from 1983 in line with lower consumption. Sales of most spirit types and brands declined although some had a good year. Whiskey decreased most of any category or by 5.0 percent so that the proportion of whiskey to all spirits continued to decline, being 41.2 percent in 1984 compared with 50 percent in 1977 and 66.1 percent in 1967.

Domestic whiskey entering trade channels dropped 8.0 percent between 1983 and 1984 while imported whiskey decreased less or 2.2 percent. All types of domestic whiskey declined, especially straight or bourbon whiskey, which was down sharply, 11.6 percent. Blended whiskey continued to fall, but the rate of decline lessened at 0.5 percent, following the sharp drop of 9.5 percent in 1983.

On the other hand, Canadian whiskey increased 4.0 percent. Canadian bottled was 9.5 percent higher and U.S.-bottled Canadian, 1.1 percent greater. Scotch dropped 9.0 percent: U.K. bottled was reduced 5.9 percent and U.S. bottled, 12.8 percent.

Spirits other than whiskey entering trade channels dropped slightly because of a 1.7 percent reduction of domestic spirits. Imported spirits *increased* 7.0 percent. Vodka, the largest category, decreased 2.9 percent. Domestic vodka dropped 4.3 percent while the relatively small imports increased sharply. Gin was 4.2 percent lower, and cocktails continued to slide, being reduced 9.1 percent. However, cordials rose 12.0 percent with domestic up 15.1 percent and imports 7.0 percent. Brandy also increased 1.0 percent with imports 4.4 percent higher; domestic brandy was down almost 1.0 percent.

Additional Statistics and Explanations

New statistics have been included in this edition of the *Review*, particularly minimum legal drinking ages in the different states and changes of these ages. Data on Consumer Price Indexes for spirits other than whiskey are also included for the first time. Certain tables and charts have been dropped such as monthly statistics on bottling, distillation, and use of grain.

Users of this *Review* are advised to consider the explanations and footnotes concerning certain statistics because of important distinctions necessary in evaluating trends, especially statistics on apparent consumption, imports, and whiskey shipments to Puerto Rico.

The Economics and Statistics Division of DISCUS, which prepared the *Annual Statistical Review*, will be glad to provide further information and assistance on the statistics and economics of the distilled spirits industry.

DISCUS thanks the many state, local, and federal agencies and officials for their assistance in providing statistics for this *Review*.

William Kling, *Director*
Economics and Statistics Division

September 1985

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[1]Approximate locations

Figure 2. Distilled Spirits Bottling Plants Authorized to Operate, August 1985[1]

[1]Approximate locations

DISTILLATION

Distilled spirits plants that produce and bottle beverage alcohol operate in 30 states as shown in Figures 1 and 2. Figure 1 shows plants authorized to *produce* beverage alcohol including whiskey, vodka, gin, grain neutral spirits, etc., from grain; brandy, liqueurs, etc., from fruit; and rum from sugar cane and molasses. Figure 2 shows plants authorized to *bottle* distilled spirits.

Distillation from grain is heavily concentrated in Kentucky and a few neighboring states while distillation of brandy (principally from grape wine) is concentrated in California. Bottling plants are more widely dispersed than distillation plants.

Kentucky, the chief whiskey producer by far, distilled 54.3 million proof gallons of the 80.2 million gallon U.S. total in 1984 (Table 4). The substantial output of Indiana and Tennessee and several other states is not available separately because U.S. Government rules do not permit disclosure of such data.

U.S. distillation of whiskey in 1984 increased 6.6 million proof gallons or by 9 percent from 1983 after a sharp decline of 19.4 percent in 1983. The increase in 1984 resulted primarily from the production of high-proof whiskey distillate for shipment to Puerto Rico to be reshipped as finished products to the United States. Distillation rose sharply in Illinois and certain other states as a result of this high-proof trade, which was discontinued at the end of 1984. Distillation in Kentucky increased slightly, 0.8 percent.

Distillation of whiskey in 1984 was only 45 percent of the level in 1968, continuing the steep downward trend of the last decade or so as the demand for whiskey has declined (Figure 3).

Brandy distillation fell by 1.8 million proof gallons in 1984 or by 9.8 percent to the second lowest production level since 1972.

Distillation of rum in mainland United States (at 1.7 million gallons in 1984, excluding Puerto Rico and the U.S. Virgin Islands) was 16.8 percent lower than the near peak level in 1983. Mainland production is only a small part of the 35 million gallons entering U.S. trade channels.

Distillation of vodka and gin, as reported by the U.S. Bureau of Alcohol, Tobacco, and Firearms, does not cover total production of spirits, especially of vodka, because large additional amounts are produced from grain neutral spirits and alcohol. An indication of *total* production of these spirits can be obtained from bottling statistics, which include both direct distillation and the substantial supplies made from alcohol and neutral spirits. (See Table 15 for bottling statistics.)[1]

Materials Used in Distillation

Use of grain by the distilled spirits industry in 1984 fell 12.9 percent from 1983 but was at a very high level compared with grain usage in the 1960s and 70s. Use increased largely for production of alcohol and grain neutral spirits for automobile fuel and industrial purposes.

Production of distillers dried grains in 1984 increased 9.6 percent to 762.9 thousand short tons (Table 6). Dried grains are used chiefly for livestock feed.

In addition to grain, 29 million pounds of fruit and 262 million gallons of fruit products were used to produce spirits especially brandy in 1984. The chief fruit used is grapes. Other fruits used include raisins, pineapples, apples, peaches, and citrus (Table 8).

Whiskey barrel shipments declined in the last decade or so as distillation has fallen. In 1984, estimated barrel shipments were up a slight one percent over the 1983 level but were still quite low compared with earlier years.

[1]Bulk imports of these spirits, which are bottled in the United States, should be deducted from the bottling statistics to obtain estimated of U.S. production.

Table 1. Distillation of Whiskey, Brandy, and Rum in the United States, 1934-1984

(000 Tax Gallons)

Calendar Year	Whiskey	Brandy	Rum[a]
1934	107,901	12,475	2,172
1935	184,865	18,921	2,997
1940	111,699	25,631	2,384
1945	101,627	28,995	2,766
1950	174,817	10,795	1,878
1955	120,542	7,006	1,928
1960	148,915	9,054	1,704
1961	145,69[illegible]	6,870	1,793
1962	112,952	8,816	1,775
1963	104,858	10,213	2,227
1964	112,871	11,013	2,163
1965	126,878	15,881	2,426
1966	128,506	18,549	2,523
1967	153,780	15,227	992
1968	178,049	16,705	1,187
1969	169,875	14,329	903
1970	146,360	15,272	1,108
1971	119,377	13,556	1,011
1972	116,561	12,540	1,781
1973	108,393	16,606	1,162
1974	75,151	22,242	1,574
1975	59,637	20,529	795
1976	79,119	19,287	1,365
1977	80,597	18,504	1,175
1978	79,151	18,588	1,528
1979	101,265	18,552	2,206
1980	84,312	21,926	1,938
1981	96,680	24,235	1,879
1982	91,248	15,284	1,192
1983	73,589	18,414	2,016
1984[b]	80,191	16,605	1,678

[a]Excludes distillation in Puerto Rico and the U.S. Virgin Islands.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 3. Distillation of Whiskey, Brandy, and Rum in the United States, 1965-1984

(Millions of Proof Gallons)

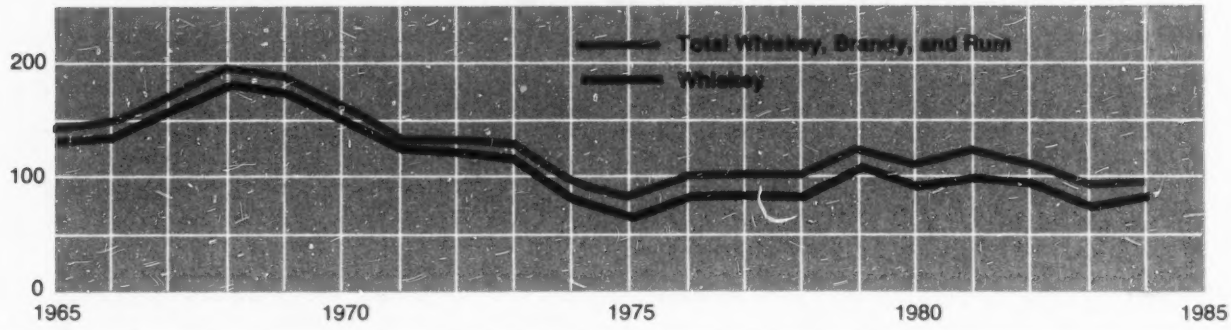


Table 2. Distillation of Whiskey, Brandy, and Rum in the United States, by Month, 1983 and 1984

(000 Tax Gallons)

	Whiskey		Brandy		Rum[a]	
Month	1984[b]	1983	1984[b]	1983	1984[b]	1983
January	6,209	6,558	1,442	1,919	30	55
February	8,825	7,520	763	1,086	39	114
March	9,910	9,386	2,925	616	166	128
April	9,715	8,731	853	514	156	183
May	8,297	7,466	871	909	148	211
June	4,150	6,140	312	565	255	113
July	3,026	3,506	619	639	172	22
August	4,899	3,725	854	563	63	276
September	5,768	4,761	2,750	3,316	106	325
October	7,474	5,158	4,948	5,620	182	321
November	6,707	5,261	1,426	1,535	290	208
December	5,210	5,379	1,047	1,133	71	61
Total	**80,191**	**73,589**	**16,605**	**18,414**	**1,678**	**2,016**

NOTE: Because of rounding, detail may not add to total.
[a]Excluding distillation in Puerto Rico and the U.S. Virgin Islands.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 3. Direct Distillation (Partial Production[a]) of Gin and Vodka in the United States, 1934-1984

(000 Tax Gallons)

Calendar Year	Gin	Vodka	Calendar Year	Gin	Vodka
1934	4,704	—	1970	27,371	22,180
1935	5,899	—	1971	27,114	22,216
1940	5,250	—	1972	27,640	25,269
1945	5,544	—	1973	27,133[r]	29,776
1950	6,073	57	1974	27,235	36,350
1955	18,200	4,514	1975	28,333	34,941
1960	18,018	9,242	1976	25,679	34,967
1961	19,904	10,018	1977	26,328	32,708
1962	21,422	9,880	1978	28,530	38,813
1963	22,174	10,589	1979	27,293	37,369
1964	25,387	11,504	1980[b]	18,952	13,399
1965	26,198	13,680	1981	18,928	10,311
1966	27,181	14,383	1982	16,048	14,309
1967	27,352	14,415	1983	15,613	11,196
1968	26,592	15,795	1984[c]	12,781	13,070
1969	27,737	17,210			

[a]These data do not include amounts of gin and vodka produced from alcohol and spirits. Direct distillation is an incomplete measure of production; bottling is probably a better measure of production of these two categories (see Table 15).
[b]Data for 1980 are affected by the shift to the all-in-bond system, which may have resulted in some distortions.
[c]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 4. Whiskey Distillation in the United States by State, 1983 and 1984

(000 Tax Gallons)

State	1984[a] 160° & Under	1984[a] Over 160°	1984[a] Total	1983 Total	Gallonage Change	Percentage Change
Florida	—	—	—	7	−7	−100.0
Georgia	25	272	297	133	164	123.1
Illinois	586	8,658	9,244	5,661	3,583	63.3
Kentucky	54,129	210	54,339	53,905	435	0.8
Michigan	—	—	—	45	−45	−100.0
Missouri	186	—	186	115	72	62.5
Other States[b]	5,390	10,734	16,124	13,723	2,401	17.5
Total	**60,317**	**19,874**	**80,191**	**73,589**	**6,601**	**9.0**

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Includes Indiana, Iowa, Kansas, Maryland, New Jersey, Pennsylvania, Tennessee, Virginia, and Wisconsin.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 5. Grain and Grain Products Used in the United States by the Distilled Spirits Industry, by Type of Grain, 1946-1984

Calendar Year	Corn	Rye	Malt	Wheat	Sorghum	Other Grains	Total 000 Pounds	Total 000 Bushels[a]
	Thousands of Pounds							
1946	1,513,687	167,569	338,159	70,532	212,297	51,463	2,353,706	42,030
1950	2,221,351	384,247	370,657	39,667	237,851	50	3,253,823	58,104
1955	1,341,328	259,266	198,224	10,911	111,289	—	1,921,017	34,304
1960	1,707,043	310,176	253,088	25,557	305,071	—	2,600,934	46,445
1961	2,055,739	274,657	242,462	29,793	138,205	3,656	2,744,514	49,009
1962	1,804,654	222,657	199,519	45,980	82,640	618	2,356,069	42,073
1963	1,494,122	201,128	191,088	46,618	151,928	1,183	2,086,067	37,251
1964	1,542,342	213,181	202,677	48,293	190,110	5,776	2,202,380	39,328
1965	1,550,808	226,546	209,397	54,103	194,830	5,634	2,241,318	40,024
1966	1,614,701	254,535	224,601	64,075	155,614	18,876	2,332,401	41,650
1967	1,954,554	268,699	244,075	58,981	171,527	2,187	2,700,023	48,215
1968	1,907,792	260,658	230,954	62,728	153,919	2,851	2,618,901	46,766
1969	1,808,869	254,799	223,968	84,410	188,367	30,903	2,591,316	46,274
1970	1,646,463	221,194	181,573	47,178	185,258	12,785	2,294,453	40,972
1971	1,322,191	175,057	151,905	44,715	210,293	5,341	1,909,503	34,098
1972	1,367,453	158,996	140,834	50,080	246,070	326	1,963,760	35,067
1973	1,803,333	173,574	136,432	50,207	93,961	2,147	2,259,654	40,351
1974	1,625,352	105,688	104,244	67,710	161,610	—	2,064,604	36,868
1975	926,539	97,435	77,247	88,769	169,339	3,477	1,362,807	24,336
1976	1,128,255	107,546	87,181	119,361	161,049	5,845	1,609,236	28,736
1977	1,136,728	112,359	98,555	126,057	156,195	25,383	1,657,277	29,594
1978	1,147,204	107,087	93,641	91,909	221,782	129,870	1,791,493	31,991
1979	1,331,350	127,791	108,781	108,595	245,283	334,528	2,256,327	40,292
1980	1,394,550	109,429	91,828	140,980	251,689	660,629	2,649,105	47,305
1981	1,546,804	125,294	110,117	145,876	243,523	31,699	2,203,313	39,345
1982	2,842,629	132,416	113,911	133,926	252,346	97,486	3,572,714	63,798
1983	3,299,261	101,670	79,045	130,911	217,145	163,489	3,991,522	71,278
1984[b]	2,685,572	100,073	72,774	138,391	370,947	109,416	3,477,173	62,093

NOTE: Because of rounding, detail may not add to total.
[a]Bushel equivalents converted at 56 pounds/bushel.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department

Table 6. U.S. Production of Distillers Dried Grains, 1946 — 1984

(000 Short Tons)

Calendar Year	Dark Grains	Light Grains	Dried Solubles[a]	Total
1946	83.4	135.9	111.2	330.5
1950	232.7	131.0	121.4	485.1
1955	138.0	75.6	54.2	267.8
1960	265.2	36.2	52.8	354.2
1961	289.9	30.6	61.0	381.5
1962	273.9	30.4	48.1	352.4
1963	317.2	26.5	21.9	365.6
1964	355.1	22.3	20.0	397.4
1965	367.3	22.1	20.0	409.4
1966	363.0	28.0	20.8	411.8
1967	398.4	30.3	21.0	449.7
1968	398.2	28.3	15.2	441.6
1969	394.8	32.9	10.5	438.3
1970	386.9	31.7	—	418.4
1971	360.7	17.2	—	378.3
1972	385.1	13.9	—	399.0
1973	431.4	8.8	—	440.3
1974	428.1	11.0	—	439.1
1975	344.6	8.0	—	352.6
1976	371.2	12.0	—	383.4
1977	375.8	11.5	—	387.2
1978	410.5	8.7	—	419.5
1979	501.3	10.5	—	509.7
1980	484.3	4.1	—	488.4
1981	491.9	3.9	—	495.8
1982	[b]	[b]	—	561.8
1983	[b]	[b]	—	696.1
1984	[b]	[b]	—	762.9

NOTE: Because of rounding, detail may not add to total.
[a]Dried solubles included with dark grains after 1969.
[b]Breakdown of dark and light grains not available.

Source: Agricultural Marketing Service, Grain Division, U.S. Department of Agriculture.

Table 7. Shipments of Whiskey Barrels in the United States, 1933 — 1984

Year	Whiskey Barrels (All Sizes)	Year	Whiskey Barrels (All Sizes)
1933	239,717	1961	2,458,191
1934	1,515,017	1962	1,986,209
1935	2,708,836	1963	1,714,197
		1964	2,025,012
1936	3,999,404	1965	2,140,166
1937	2,858,328		
1938	1,809,983	1966	2,222,259
1939	1,711,013	1967	2,598,210
1940	2,203,344	1968	2,371,058
		1969	2,274,992
1941	2,688,087	1970	1,937,500
1942	1,424,575		
1943	296,071	1971	1,575,316
1944	543,551	1972	1,536,785
1945	972,756	1973	1,526,894
		1974	1,170,716
1946	2,157,973	1975	1,104,086
1947	2,138,067		
1948	2,994,086	1976	1,149,893
1949	2,061,254	1977	1,186,396
1950	2,959,500	1978	1,201,793
		1979	1,375,668
1951	2,582,623	1980	1,146,450
1952	1,186,641		
1953	1,725,714	1981	1,286,980
1954	1,836,660	1982[a]	1,350,000
1955	2,013,879	1983[a,r]	990,000
		1984[a]	1,001,000
1956	2,225,734		
1957	2,184,402		
1958	2,135,058		
1959	2,310,711		
1960	2,568,932		

[a]Estimated.
[r]Revised.

Source: Cooperage Industries of America, Inc.

Table 8. Fruit and Fruit Products Used in the United States by the Distilled Spirits Industry, 1955 — 1984

Fiscal Year	Grape	Other	Total	Grape	Other	Total
	Thousands of Pounds			Thousands of Gallons		
1955	7,237	17,654	24,891	250,403	17,692	268,095
1960	19,490	39,934	59,424	369,174	16,385	385,559
1961	24,539	38,131	62,670	346,044	15,381	361,425
1962	18,829	51,657	70,487	368,101	18,300	386,401
1963	10,353	46,025	56,378	447,047	13,232	460,278
1964	52,259	49,833	102,091	499,071	13,707	512,778
1965	7,491	44,911	52,402	396,594	23,058	419,652
1966	24,314	49,000	73,313	519,530	17,585	537,115
1967	10,705	49,941	60,646	421,747	43,920	465,667
1968	6,876	36,018	42,894	341,617	22,927	364,544
1969	8,390	31,735	40,125	378,315	27,800	406,115
1970	10,020	33,951	43,971	402,903	24,953	427,855
1971	8,322	31,985	40,307	318,371	31,543	349,914
1972	11,982	41,261	53,243	701,884	25,428	727,313
1973	22,157	34,060	56,217	261,508	25,347	286,855
1974	28,024	32,027	60,051	616,327	32,975	649,302
1975	31,623	28,908	60,531	740,102	35,717	775,819
1976	22,419	24,929	47,348	353,904	58,004	411,908
1977	16,351	40,823	57,174	284,266	67,105	351,371
1978	41,187	18,328	59,515	288,834	48,711	337,545
1979	45,149	47,419	92,568	273,281	58,347	331,629
1980	20,393	19,992	40,385	193,917	65,061	258,978
1981	13,465	21,571	35,036	358,220	61,914	420,134
1982	21,020	13,792	34,812	132,409	45,980	178,389
1983	28,966	32,810	61,775	237,411	49,265	286,676
1984	13,195	15,932	29,127	213,995	48,049	262,044

NOTE: Because of rounding, detail may not add to total.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

STOCKS AND WITHDRAWALS

Combined stocks of domestic and imported bulk spirits in bonded storage on Dec. 31, 1984, were 554.6 million proof gallons, a decrease of 4.2 percent from 1983, continuing the decline of the last decade (Table 9).

Whiskey is the major spirit held in storage, largely because of aging requirements, so that whiskey accounted for 87 percent of all distilled spirits in bonded storage in 1984. Whiskey stocks at the end of 1984 were 482 million gallons, 5 percent less than 1983 and the lowest level since 1947, reflecting the decline of whiskey consumption.

Relatively large stocks of brandy are also held for aging. Stocks fell 4.5 percent in 1984, in line with reduced amounts of domestic brandy entering trade channels. Most other spirit stocks are low in relationship to consumption. Generally, only small amounts of rum and gin are aged, and stocks are usually small.

Apparent usage of domestic whiskey, not including imports, is based on changes of inventory and the level of production in a given year as shown in Table 10. Use has trended downward for more than a decade and was 82 million proof gallons in 1984 compared with the peak of 146 million gallons in 1974. Imports have replaced much domestic use.

Kentucky, the largest distilling state, carried the bulk of whiskey stocks or 65 percent of the 482 million gallon total in 1984. Other states held the remaining 168 million gallons—Indiana, Maryland, New Jersey, Pennsylvania, and Tennessee, among others; statistics for these states are not available because of U.S. Government disclosure rules (Table 12).

Withdrawals

At 298.4 million proof gallons in 1984, taxable withdrawals of all types of spirits from bonded premises decreased 2.4 percent from 1983 in line with the decline of consumption (Table 13).

Statistics on withdrawals of spirits *by class* were discontinued in 1981 by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Only *combined* withdrawals of all spirits are now available. Spirits entering trade channels, shown in Tables 19 and 20, can provide an indication of movement for the different classes of spirits.

Tax-free withdrawals were 60.5 million proof gallons in 1984, 16 percent more than 1983 (Table 14). Tax-free withdrawals for addition to wine decreased 10.2 percent to 27.6 million gallons while withdrawals for export vessels and aircraft as well as tax-free transfers increased 68.3 percent to 29.6 million gallons.

Figure 4. United States Stocks of Distilled Spirits at Year End, 1965-1984

(Millions of Proof Gallons)

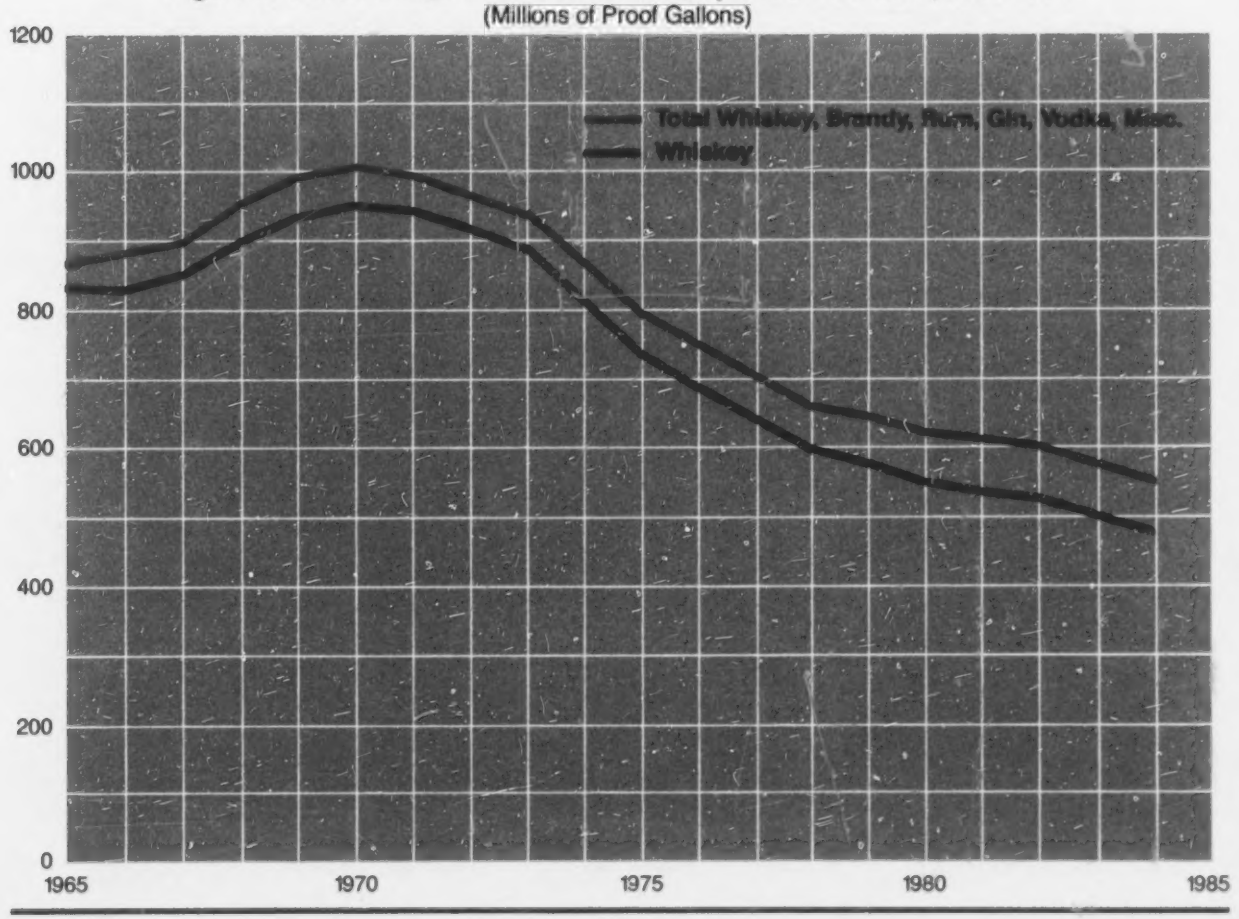


Table 9. Stocks of Distilled Spirits at Distilleries in the United States by Class, Year End, 1934 — 1984

(000 Proof Gallons)

Year End	Total	Whiskey	Brandy	Rum	Gin	Vodka	Miscellaneous[a]
1934	98,028	91,630	4,724	1,135	394	—	146
1935	215,518	207,154	5,388	2,501	335	—	141
1940	522,723	479,102	17,690	3,468	203	—	22,259
1945	380,534	341,235	13,489	2,049	474	—	23,287
1950	795,295	694,209	11,864	2,286	929	19	85,968
1955	840,648	724,706	14,462	988	1,443	201	98,847
1960	840,364	815,499	22,630	1,030	1,002	202	—
1961	874,590	850,128	22,278	1,066	756	362	—
1962	876,000	850,473	23,317	1,096	956	157	—
1963	869,996	842,399	25,118	1,437	884	158	—
1964	862,416	832,183	27,221	1,809	1,056	146	—
1965	872,900	835,853	33,422	2,167	1,226	232	—
1966	880,555	835,464	41,003	2,737	1,060	290	—
1967	904,575	856,664	43,589	2,546	1,500	277	—
1968	956,440	904,352	47,674	2,549	1,524	341	—
1969	991,418	938,457	48,255	2,445	1,549	690	22
1970	1,008,545	954,583	49,028	2,265	1,775	833	62
1971	996,618	945,799	45,741	2,335	1,617	1,053	73
1972	971,705	924,410	41,138	2,907	2,140	1,002	108
1973	939,696	892,998	40,859	2,798	2,016	816	208
1974	875,754	822,110	45,619	2,934	2,511	2,276	304
1975	793,871	737,393	49,206	2,544	2,609	1,761	358
1976	752,854	692,343	51,288	2,780	2,977	2,901	565
1977	706,685	649,003	51,541	1,850	2,139	1,619	533
1978	662,509	600,615	50,879	2,582	3,258	4,488	686
1979	645,671	581,159	51,984	4,141	2,791	4,768	428
1980	623,257	554,883	55,762	5,154	2,749	4,104	605
1981	613,778	541,067	61,821	5,990	3,069	1,274	557
1982	604,670	533,394	60,915	3,829	2,365	3,724	443
1983	578,945[r]	507,756	60,895[r]	5,938	2,387	1,624	345[r]
1984[p]	554,644	482,127	58,135	8,676	2,550	2,802	354

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs-bonded warehouses not included. Because of rounding, detail may not add to total.

[a]Consists of spirits, 1934–1955. After 1958 spirits were reported by BATF under "Alcohol and Spirits." From 1969, consists of "Miscellaneous imports of distilled spirits."

[p]Preliminary.

[r]Revised.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 10. Apparent Whiskey Stocks, Distillation, and Usage, 1935 — 1984

(000 Tax Gallons)

Calendar Year	Inventory as of Jan. 1	Production During Year	Inventory as of Dec. 31	Apparent Whiskey Usage
1935	91,630	184,865	207,154	69,341
1940	465,025	111,699	479,102	97,622
1945	317,413	101,627	341,235	77,805
1950	610,341	174,817	694,209	90,949
1955	707,355	120,542	724,706	103,191
1960	779,443	148,915	815,499	112,859
1961	815,499	142,134	850,128	107,506
1962	850,128	112,950	850,473	112,605
1963	850,473	104,858	842,399	112,932
1964	842,399	112,871	832,183	123,086
1965	832,183	126,878	835,853	123,209
1966	835,853	128,497	835,465	128,885
1967	835,464	153,768	856,664	132,568
1968	856,664	178,049	904,352	130,362
1969	904,352	169,875	938,457	135,771
1970	938,457	146,361	954,583	130,235
1971	954,583	119,410	945,799	128,194
1972	945,799	116,561	924,410	137,950
1973	924,410	108,384	892,998	139,795
1974	892,998	75,150	822,110	146,039
1975	822,110	60,067	737,393	144,783
1976	737,393	79,111	692,343	124,162
1977	692,343	80,597	649,003	123,937
1978	649,003	79,102	600,615	127,491
1979	600,615	101,267	581,159	120,723
1980	581,159	84,312	554,883	110,588
1981	554,883	96,680	541,067	110,496
1982	541,067	91,248	533,394	98,921
1983	497,264[r]	73,589[r]	507,756	63,097[r]
1984[p]	483,923	80,191	482,127	81,987

NOTE: Because of rounding, detail may not add to total.

[p]Preliminary.

[r]Revised.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 11. Stocks of Distilled Spirits in Bonded Storage at Distilleries in the United States by Class, Month End, 1983 and 1984

(000 Proof Gallons)

Month End	Whiskey 160° and Under		Whiskey Over 160°		Brandy		Rum	
	1984[a]	1983	1984[a]	1983	1984[a]	1983	1984[a]	1983
January	449,699	470,594	55,989	62,374	60,488	62,112	6,804	3,314
February	451,524	472,439	55,538	62,127	59,042	60,076	6,049	4,051
March	424,809	473,539	55,202	61,836	57,210	59,453	5,937	4,926
April	453,369	476,259	54,227	61,465	41,710	58,748	5,964	5,438
May	447,474	472,128	54,665	61,285	56,771	58,407	10,453	5,697
June	450,029	473,822	53,176	61,291	57,008	56,883	12,552	5,626
July	445,051	455,269	53,108	44,828	54,539	56,482	11,014	5,297
August	440,824	464,016	52,831	60,629	55,462	53,672	10,225	5,515
September	437,684	462,429	52,492	60,575	56,642	56,684	9,980	6,154
October	434,196	453,921	51,156	57,660	59,331	59,803	9,239	6,116
November	433,599	439,933	50,324	57,330	58,822	60,483	9,093	6,032
December	432,896	451,571	49,231	56,185	58,135	60,895	8,676	5,938

Month End	Gin		Vodka		Miscellaneous		Total	
	1984[a]	1983	1984[a]	1983	1984[a]	1983	1984[a]	1983
January	1,140	2,571	2,071	3,883	273	395	576,464	605,242
February	2,681	2,842	2,313	4,012	286	327	577,432	605,874
March	2,797	2,845	2,666	3,878	304	330	548,925	606,807
April	2,762	2,823	2,742	4,080	294	386	561,068	609,200
May	2,826	3,140	2,959	4,368	297	358	575,444	605,384
June	1,370	2,871	3,627	3,792	307	274	578,069	604,560
July	2,786	1,809	1,834	2,984	447	291	568,778	566,961
August	2,591	2,341	1,633	2,803	367	290	563,934	589,267
September	2,681	2,359	1,859	1,949	343	298	561,681	590,450
October	2,672	2,397	3,082	1,712	320	264	559,995	581,872
November	2,573	2,470	2,792	1,859	351	312	557,555	568,421
December	2,550	2,387	2,802	1,624	354	345	554,644	578,945

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also imported stocks held in U.S. Customs-bonded warehouses not included. Because of rounding, detail may not add to total.

[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 12. Whiskey Stocks in Bonded Storage in the United States, Year End by State, 1983 and 1984

(000 Proof Gallons)

State	December 31		Gallonage Change	Percentage Change
	1984[a]	1983		
California	—	28	−28	−100.0
Florida	174	177	−3	−1.6
Georgia	415	590	−175	−29.7
Illinois	3,521	3,068	452	14.7
Kentucky	314,389	313,054	1,334	0.4
Minnesota	53	38	15	40.2
Missouri	927	973	−46	−4.7
Ohio	9,938	11,287	−1,349	−12.0
Other States[b]	152,709	178,539	−25,830	−14.5
Total	**482,127**	**507,756**	**−25,629**	**−5.0**

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs-bonded warehouses not included. Because of rounding, detail may not add to total.

[a]Preliminary.

[b]Includes Hawaii, Indiana, Iowa, Kansas, Louisiana, Maryland, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Tennessee, Texas, Virginia, Washington, and Wisconsin.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 13. Taxable Withdrawals from Bonded Premises at $10.50 Per Gallon 1983 and 1984

(000 Tax or Proof Gallons)

Month	Calendar Year 1984	Calendar Year 1983	Gallonage Change	Percentage Change
January	21,685	20,481	1,204	5.9
February	21,323	18,763	2,560	13.6
March	26,145	26,452	−307	−1.2
April	23,198	24,400	−1,202	−4.9
May	24,672	26,385	−1,713	−6.5
June	26,704	28,608	−1,904	−6.7
July	20,973	22,217	−1,244	−5.6
August	23,041	23,972	−931	−3.9
September	25,072	26,206	−1,134	−4.3
October	32,734	35,122	−2,388	−6.8
November	30,445	29,978	467	1.6
December	22,450	23,152	−702	−3.0
Total	**298,441**	**305,738**	**−7,297**	**−2.4**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 14. Tax-Free Withdrawals of Distilled Spirits in the United States, by Usage, 1983 and 1984

(000 Tax or Proof Gallons)

Usage	Calendar Year 1984	Calendar Year 1983	Gallonage Change	Percentage Change
For Addition to Wine				
Brandy	518	228	290	127.2
Other Spirits	27,051	30,461	−3,410	−11.2
Total	**27,569**	**30,689**	**−3,120**	**−10.2**
Exports, Transfers to Customs, Manufacturer's Bonded Warehouses, Vessels, or Aircraft	29,569	17,571	11,998	68.3
U.S. Government, Hospital, Scientific, or Educational Uses (Alcohol)	3,328	3,891	−563	−14.5
Research, Development, or Testing	44	20	24	120.0
Total	**60,510**	**52,171**	**8,339**	**16.0**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

BOTTLING, SALES, AND SHIPMENTS

U.S. bottling of distilled spirits in 1984 decreased 2.7 percent from 1983 to 362 million liquid gallons (Table 15).

Whiskey bottling fell 6.7 percent. Except for bulk imports from Canada, bottling of all types of whiskey, both domestic and imported, was lower in 1984 than in 1983. Canadian increased 1.1 percent to 34 million gallons. Blended whiskey fell 0.5 percent, but straight whiskey (mostly bourbon) was down 11.6 percent, and Scotch was down 12.8 percent (Tables 16 and 17).

Blended whiskey's share of all whiskey bottled decreased to 21.4 percent in 1984 from 34 percent in 1974. Straight whiskey accounted for 35.7 percent of the total compared with 38.8 percent in 1974. Canadian increased sharply from 12.7 percent to 24.9 percent in the decade and Scotch rose slightly, from 11.3 percent in 1974 to 13.2 percent in 1984. Bonded whiskey has fallen to only 1 percent of all whiskey bottled from 2 percent in 1974.

Bulk imports of whiskey for bottling in the United States accounted for 38.4 percent of total whiskey bottled in 1984 compared with 24.1 percent in 1974 (Table 17).

Bottling of other distilled spirits was almost unchanged between 1983 and 1984. Two classes increased substantially: rum by 8.8 percent to 27 million gallons and cordials and liqueurs by 12.9 percent to 35 million gallons. Bottling of gin, vodka, brandy, and cocktails was lower by 4.8 percent, 4.4 percent, 1.1 percent, and 9.1 percent respectively (Table 18). Tequila was almost unchanged.

Chief bottling states are Kentucky, California, New Jersey, Maryland, Indiana, Florida, and Ohio (Table 16 and Figure 2).

Spirits Entering U.S. Trade Channels—Whiskey entering U.S. trade channels decreased 5.0 percent between 1983 and 1984, continuing the downward trend of the last decade or so (Tables 19 and 20 and Figure 9). Non-whiskey spirits as a whole fell slightly in the same period.

Vodka was the largest single spirit type entering trade channels in 1984 followed by Canadian, straight (bourbon) whiskey, cordials, Scotch, gin, rum, blended whiskey, brandy, and tequila in that order (Table 20). Canadian whiskey exceeded straight (bourbon) whiskey volume for the first time, and cordials exceeded gin for the second consecutive year.

Sales of distilled spirits in 1984 by class and type in the different states are shown in Tables 21 and 22. Certain types of spirits are preferred in some states. For example, Wisconsin and Minnesota have a preference for brandy while Southern states show a preference for bourbon.

Bottle Sizes—Bottle sizes are reflected by the strip stamps affixed to bottle tops as formerly required by the U.S. Bureau of Alcohol, Tobacco, and Firearms (BATF). Effective July 1, 1985, the stamps were discontinued. The number of stamps issued for different size bottles in 1984 is shown in Table 23, and the volume represented by these stamps in Table 24.[1]

The 200-ml bottle was the most popular size in 1984 in terms of units sold, followed closely by the one-liter and the 750-ml bottles (Table 23). However, the one-liter size carried the largest volume at 108 million gallons with the 1.75-liter size carrying an almost equal volume of 107 million gallons and the 750-ml size third but still major at 81 million gallons.

Beginning in 1981, approved devices have been used as alternatives to strip stamps. Use is very small but is growing. Such devices were used to bottle 24 million gallons in 1984, a small fraction of the total 355 million gallons bottled. Use of these devices was up sharply from the 2 million gallons of 1982 and 11 million gallons in 1983. With the elimination of required strip stamps after July 1, 1985, use of alternatives will increase.

[1]Mandatory conversion to metric sizes for bottling of spirits became effective in January 1980.

Figure 5. Bottling of Total Distilled Spirits, Whiskey, Rum, Gin, and Vodka in the United States, 1965-1984
(Millions of Wine Gallons)

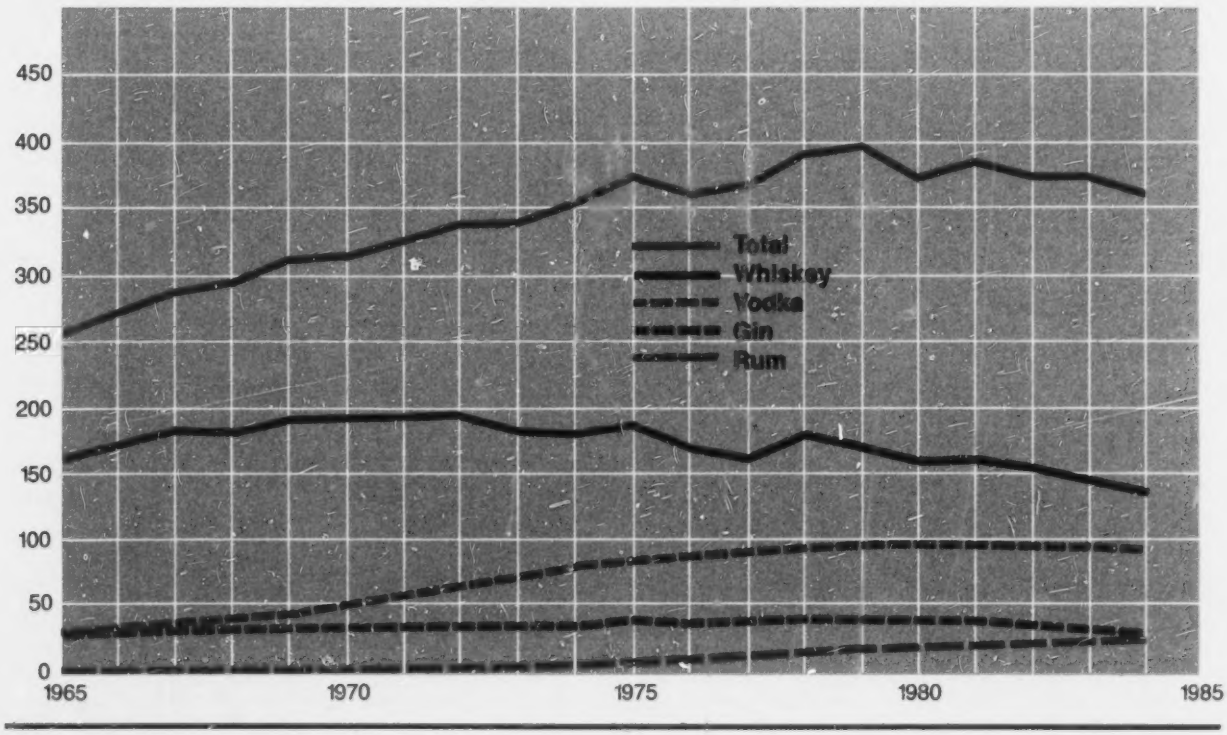


Table 15. Bottling of Distilled Spirits in the United States by Class, 1940 — 1984

(000 Wine Gallons)

Calendar Year	Total	Whiskey	Brandy	Rum	Gin	Vodka	Cordials, Liqueurs etc.[a]	Cocktails & Mixed Drinks	Tequila	Miscellaneous & Exports
1940	136,904	116,837	1,698	709	14,159	—	3,501	—	—	—
1945	181,462	150,417	3,468	942	16,036	—	10,600	—	—	—
1950	181,595	156,355	2,498	694	15,964	386	5,697	—	—	—
1955	179,405	140,450	3,726	663	20,447	6,968	7,151	—	—	—
1960	203,302	145,114	5,300	804	22,001	19,406	10,677	—	—	—
1961	211,307	147,541	5,760	904	23,604	20,977	12,521	—	—	—
1962	219,750	150,693	6,202	1,041	24,823	23,026	13,965	—	—	—
1963	223,921	150,814	6,982	1,067	25,799	24,945	14,315	—	—	—
1964	243,145	160,895	7,594	1,541	28,957	28,162	15,995	—	—	—
1965	252,708	163,055	8,264	1,625	29,628	31,157	18,980	—	—	—
1966	271,468	173,290	9,288	1,710	31,633	34,704	20,843	—	—	—
1967	286,007	179,722	10,058	1,983	33,055	38,620	22,569	—	—	—
1968	292,758	181,214	10,335	2,181	33,265	41,297	24,467	—	—	—
1969	311,292	192,817	11,479	2,399	34,971	45,299	24,328	—	—	—
1970	313,009	190,510	11,795	2,909	35,122	50,172	22,500	—	—	—
1971	325,576	191,729	12,677	2,793	36,528	56,495	25,354	—	—	—
1972	337,759	193,335	13,046	4,325	36,735	62,845	27,473	—	—	—
1973	339,542	181,933	14,215	4,397	36,952	70,412	31,632	—	—	—
1974	353,911	180,919	13,768	6,511	36,992	79,045	30,040	—	—	6,636
1975	373,449	186,734	13,610	8,072	39,011	86,776	28,077	4,111	2,709	4,349
1976	360,758	168,254	14,711	9,500	36,924	88,591	25,702	9,640	5,821	1,615
1977	367,859	167,386	14,416	11,492	38,770	90,740	27,757	9,894	6,262	1,141
1978	392,032	174,682	14,549	15,650	38,727	94,887	33,362	12,056	6,465	1,653
1979	394,996	170,638	14,762	20,599	39,084	98,211	33,672	10,955	6,725	350
1980	374,758	156,990	13,740	20,715	37,705	94,969	32,679	10,281	7,239	441
1981	385,852	161,629	15,520	21,902	38,514	98,842	32,680	8,504	7,906	355
1982	373,252	152,315	14,650	23,695	35,665	97,606	32,224	7,747	8,365	986
1983	371,721	147,042	15,617	25,240	35,318	98,803	31,068	8,393	9,697	545
1984[b]	361,732	137,234	15,452	27,456	33,616	94,444	35,072	7,625	9,711	1,120

NOTE: Because of rounding, detail may not add to total. Includes imported products bottled after withdrawal from Customs custody.
[a]Includes miscellaneous and products for export before 1974. Includes cocktails and mixed drinks before 1975.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 16. Bottling of Whiskey and Other Distilled Spirits in the United States[a], by State, 1984

(000 Wine Gallons)

State	Whiskey					Other Distilled Spirits	Total Distilled Spirits
	Domestic	Imports	Exports	Bottled-in-Bond	Total Whiskey		
California	5,178	5,930	315	52	11,474	43,390	54,864
Florida	42	102	—	—	144	21,386	21,530
Hawaii	—	—	—	—	—	131	131
Illinois	1,469	1,136	2	2	2,608	12,653	15,262
Kentucky	39,520	20,030	1,126	1,024	61,700	23,383	85,083
Maryland	7,519	3,474	351	—	11,343	15,995	27,338
Massachusetts	316	518	—	2	836	4,919	5,754
New Jersey	2,784	6,446	14	19	9,262	16,661	25,922
Ohio	1,188	5,980	14	4	7,186	9,806	16,993
Oregon	564	588	—	—	1,152	3,224	4,375
Pennsylvania	597	449	—	—	1,046	4,113	5,159
Other States[b]	21,494	8,055	675	319	30,543	68,776	99,320
Total	**80,669**	**52,708**	**2,497**	**1,421**	**137,295**	**224,437**	**361,732**

NOTE: Because of rounding, detail may not add to total.
[a]Includes Puerto Rico.
[b]Includes Arkansas, Connecticut, Georgia, Indiana, Louisiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New Mexico, New York, Tennessee, Virginia, Washington, and Wisconsin.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department

Figure 6. U.S. Whiskey Bottling by Type

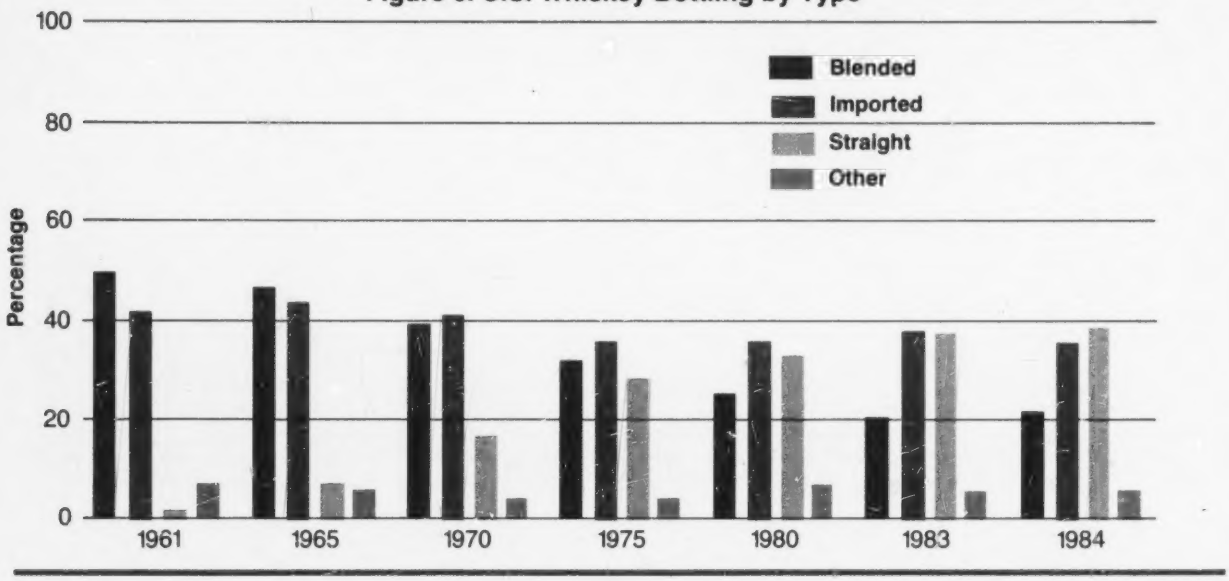


Table 17. Bottling of Whiskey in the United States by Type, 1939 — 1984

(000 Wine Gallons)

Calendar Year	Total Whiskey Gallons (000)	Blended[a]		Bonded[b]		Straight[b,c]		Blended Straights[d]		Light[e]		Imported[f]	
		Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total
1939	106,993	40,301[g]	37.7	9,843	9.2	56,849	53.1	—	—	—	—	—	—
1940	116,837	46,406[g]	39.7	14,027	12.0	56,404	48.3	—	—	—	—	—	—
1945	150,417	125,657	83.5	7,392	4.9	12,053	8.0	5,315	3.6	—	—	—	—
1950	156,355	117,178	74.9	11,860	7.6	26,229	16.8	1,088	0.7	—	—	—	—
1955	140,450	81,494	58.0	12,869	9.2	44,838	31.9	1,249	0.9	—	—	—	—
1960	145,114	74,074	51.0	9,394	6.5	60,852	41.9	793	0.6	—	—	—	—
1961	147,541	73,259	49.7	8,911	6.0	61,741	41.8	888	0.6	—	—	2,743	1.9
1962	150,693	73,312	48.7	8,491	5.6	64,038	42.5	792	0.5	—	—	4,059	2.7
1963	150,814	72,304	47.9	7,993	5.3	64,449	42.7	698	0.5	—	—	5,369	3.6
1964	160,895	74,731	46.4	7,911	4.9	68,817	42.8	758	0.5	—	—	8,678	5.4
1965	163,055	74,054	45.4	7,483	4.6	69,418	42.6	577	0.4	—	—	11,523	7.0
1966	173,290	76,910	44.4	7,736	4.4	73,335	42.3	654	0.4	—	—	14,655	8.5
1967	179,722	76,373	42.5	7,358	4.1	75,939	42.2	1,374	0.8	—	—	18,678	10.4
1968	181,214	75,271	41.5	6,932	3.8	74,037	40.9	2,862	1.6	—	—	22,112	12.2
1969	192,817	78,136	40.5	7,460	3.9	77,462	40.2	2,494	1.3	—	—	27,264	14.1
1970	190,510	73,937	38.8	6,004	3.1	77,895	40.9	752	0.4	—	—	31,922	16.8
1971	191,729	73,154	38.2	4,873	2.5	77,160	40.2	1,485	0.8	—	—	35,057	18.3
1972	193,335	70,103	36.3	4,321	2.2	73,655	38.1	1,346	0.7	5,168	2.7	38,741	20.0
1973	181,933	62,637	34.4	3,823	2.1	71,077	39.1	1,247	0.7	1,265	0.7	41,884	23.0
1974	180,919	61,520	34.0	3,568	2.0	70,184	38.8	1,452	0.8	512	0.3	43,684	24.1
1975	186,734	58,485	31.3	3,994	2.1	69,532	37.2	1,855	1.0	674	0.4	52,195	28.0
1976	168,254	51,960	30.9	3,644	2.2	62,722	37.3	1,118	0.6	433	0.2	48,376	28.8
1977	167,386	51,424	30.7	3,343	2.0	61,834	37.0	1,030	0.6	237	0.1	49,519	29.6
1978	174,682	48,903	28.0	3,315	1.9	64,665	37.0	1,263	0.7	233	0.1	56,303	32.2
1979	170,638	46,131	27.0	4,409	2.6	64,185	37.6	1,254	0.8	168	0.1	54,492	31.9
1980	156,990	39,120	24.9	7,661	4.9	55,857	35.6	1,234	0.8	1,287	0.8	51,831	33.0
1981	161,629	35,398	21.9	2,276	1.4	63,288	39.2	1,789	1.1	4,153	2.6	54,726	33.9
1982	152,315	32,766	21.5	1,867	1.2	58,510	38.4	1,143	0.8	4,369	2.9	53,660	35.2
1983	147,042	29,549	20.1	1,621	1.1	55,384	37.7	930	0.6	4,339	3.0	55,219	37.6
1984[h]	137,235	29,406	21.4	1,360	1.0	48,943	35.7	921	0.7	3,854	2.8	52,750	38.4

NOTE: Because of rounding, detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and at tax-paid bottling houses, plus bottled in bond.

[a] Represents blends of whiskeys containing at least 20-percent straight whiskey in combination with whiskey (includes light whiskey) or neutral spirits, including blends of light whiskey.

[b] Beginning October 1980, bottled in bond is for domestic use only; bottled in bond for export included in straights. Bottled in bond for January-September 1980 includes bottled in bond for export and probably includes some straight whiskey reported as bonded because of misunderstanding of the all-in-bond system in 1980.

[c] Before 1961, includes imported products bottled after withdrawal from Customs custody.

[d] Represents blends of straight whiskeys, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.

[e] Bottling of light whiskey not permitted before July 1972.

[f] 1961–1964 converted from proof to wine gallons at 86 proof; 1965-June 1975 converted from proof gallons at 82 proof. Reported in wine gallons after June 1975.

[g] Includes blends of straight whiskey.

[h] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 7. Distilled Spirits—United States Bottling by Class, 1974 and 1984

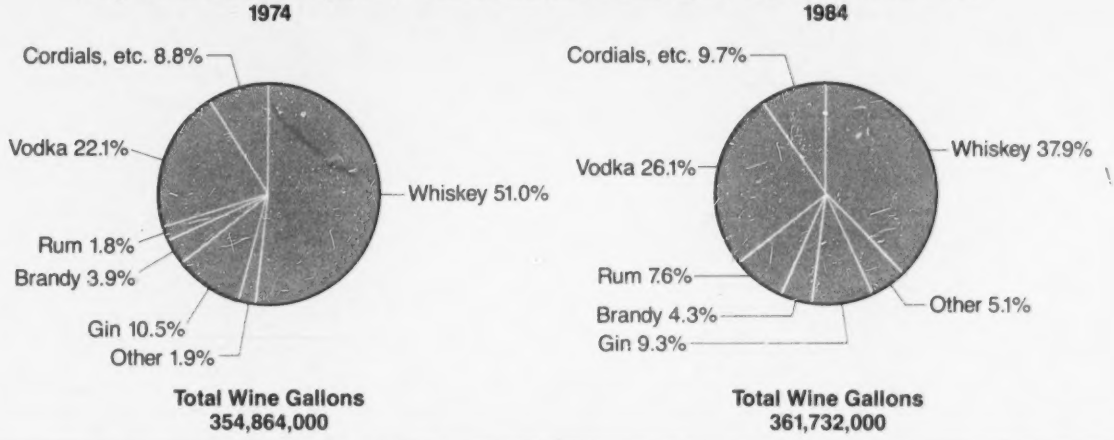


Table 18. Bottling of Distilled Spirits in the United States, by Class and Type, 1983 and 1984

(000 Wine Gallons)

Class and Type	1984[a] Wine Gallons (000)	1984[a] Percentage of Class	1984[a] Percentage of Total	1983 Wine Gallons (000)	1983 Percentage of Class	1983 Percentage of Total	Gallonage Change	Percentage Change
Domestic Whiskey								
Blended Whiskey	29,405	21.4	8.1	29,549	20.1	7.9	−144	−0.5
Bonded	1,360	1.0	0.4	1,621	1.1	0.4	−261	−16.1
Straight	48,943	35.7	13.5	55,384	37.7	14.9	−6,441	−11.6
Over 160°	3,854	2.8	1.1	4,339	3.0	1.2	−485	−11.2
Blended Straights[b]	921	0.7	0.3	930	0.6	0.3	−9	−0.9
Total	84,484	61.6	23.4	91,823	62.4	24.7	−7,339	−8.0
Imported Bulk Whiskey								
Scotch	18,069	13.2	5.0	20,714	14.1	5.6	−2,645	−12.8
Canadian	34,213	24.9	9.5	33,845	23.0	9.1	369	1.1
Other	468	0.3	0.1	660	0.4	0.2	−193	−29.2
Total	52,750	38.4	14.6	55,219	37.6	14.9	−2,469	−4.5
Total Whiskey	**137,235**	**100.0**	**37.9**	**147,042**	**100.0**	**39.6**	**−9,807**	**−6.7**
Gin	33,616		9.3	35,318		9.5	−1,701	−4.8
Vodka	94,444		26.1	98,803		26.6	−4,359	−4.4
Rum[c]	27,456		7.6	25,240		6.8	2,217	8.8
Brandy	15,452		4.3	15,617		4.2	−165	−1.1
Cordials, Liqueurs, etc.	35,072		9.7	31,068		8.4	4,004	12.9
Cocktails and Mixed Drinks	7,625		2.1	8,393		2.3	−767	−9.1
Tequila	9,711		2.7	9,697		2.6	15	0.2
Miscellaneous	1,120		0.3	545		0.1	576	105.8
Total Non-Whiskey	**224,497**		**62.1**	**224,679**		**60.4**	**−181**	**−0.1**
Total Distilled Spirits	**361,732**		**100.0**	**371,721**		**100.0**	**−9,989**	**−2.7**

NOTE: Because of rounding, detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and tax-paid bottling houses, plus bottled in bond.

[a]Preliminary.

[b]Represents blends of straight whiskies, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.

[c]Represents all rum bottled in continental United States, including bulk rum from Puerto Rico and the Virgin Islands.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 8. Whiskey—United States Bottling by Type, 1974 and 1984

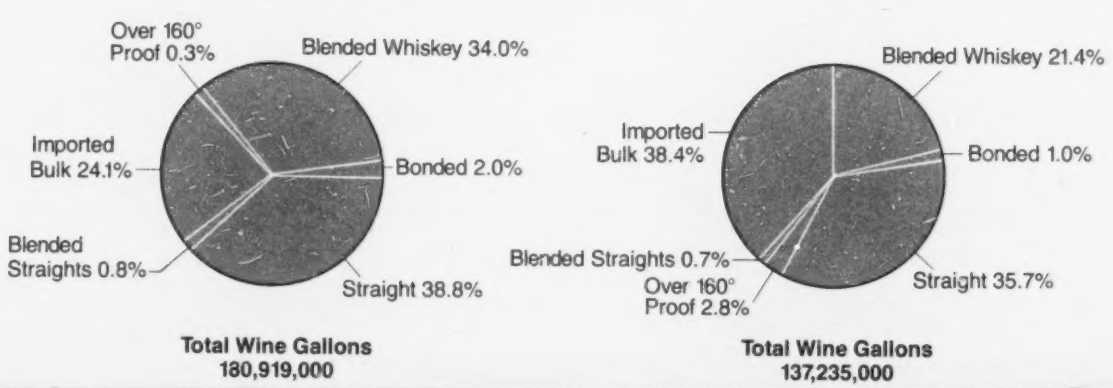


Table 19. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, by Class and Type, 1975–1984

(000 Wine Gallons)

Class and Type	1975	1976	1977	1978	1979	1980	1981	1982[a]	1983[a]	1984
Domestic Whiskey										
Bonded	3,994	3,644	3,343	3,315	4,409	7,661	2,276	1,867	1,621	1,360
Straight	69,532	62,722	61,834	64,665	64,185	55,857	63,288	58,510	55,384	48,943
Blended Straights	1,855	1,118	1,030	1,263	1,254	1,234	1,789	1,143	930	921
Over 160[b]	674	433	237	233	168	1,287	4,153	4,369	4,339	3,861
Blended Whiskey	58,485	51.960	51,424	48,903	46,131	39,120	35,398	32,766	29,549	29,406
Subtotal	134,539	119,877	117,867	118,379	116,147	105,159	106,903	98,655	91,823	84,491
Imported Whiskey[c]										
Scotch[d]	55,276	53,348	52,195	56,757	52,033	46,972	47,656	45,255	45,879	41,747
Canadian	48,425	47,167	48,141	53,641	53,021	52,382	54,639	51,864	51,935	54,014
Irish and Others	271	310	412	672	693	541	821	586	770	624
Subtotal	103,972	100,825	100,748	111,071	105,747	99,895	103,116	97,705	98,584	96,386
Total All Whiskey	**238,511**	**220,702**	**218,615**	**229,449**	**221,894**	**205,053**	**210,019**	**196,360**	**190,407**	**180,876**
Gin										
Domestic	38,916	36,855	38,730	38,562	38,981	NA	38,295	35,536	35,052	33,481
Imported	4,818	5,074	5,303	6,258	6,297	NA	5,872	5,556	6,287	6,128
Subtotal	43,734	41,929	44,033	44,820	45,278	43,618	44,167	41,092	41,339	39,608
Vodka[e]										
Domestic	86,752	88,540	90,639	94,803	97,976	NA	98,622	97,604	98,519	94,280
Imported	23	51	102	84	235	NA	1,995	2,153	2,996	4,321
Subtotal	86,776	88,591	90,740	94,887	98,211	96,193	100,617	99,757	101,516	98,602
Rum										
Puerto Rico	13,601	15,107	18,532	22,067	27,124	NA	26,881	25,262	27,107	27,206
Virgin Islands	1,314	1,027	983	1,276	1,538	NA	3,122	3,248	3,396	3,129
Other Domestic	1,936	1,572	2,463	2,921	3,378	NA	1,218	2,382	2,698	2,687
Subtotal Domestic Rum	16,852	17,706	21,978	26,264	32,041	NA	31,221	30,891	33,201	33,022
Subtotal Imported Rum	706	642	741	891	921	NA	1,357	1,394	1,500	1,566
Subtotal All Rum	17,558	18,347	22,719	27,155	32,962	29,568	32,579	32,285	34,701	34,588
Brandy										
Domestic	12,389	13,408	13,439	13,459	13,725	NA	14,541	13,707	14,626	14,512
Imported	3,036	4,254	3,389	4,461	4,989	NA	6,769	6,670	7,339	7,663
Subtotal	15,424	17,662	16,828	17,921	18,714	18,667	21,309	20,377	21,965	22,176
Cordials and Specialties										
Domestic	26,323	23,958	25,500	30,132	29,416	NA	26,059	25,360	24,072	27,718
Imported	4,769	5,063	5,822	7,145	8,155	NA	13,704	14,661	15,269	16,345
Subtotal	31,092	29,021	31,322	37,277	37,570	38,404	39,763	40,021	39,341	44,063
Cocktails and Mixed Drinks										
Domestic	4,082	9,380	9,822	11,990	10,934	NA	8,302	7,550	8,258	7,098
Imported	29	260	71	66	122	NA	202	197	134	527
Subtotal	4,111	9,640	9,894	12,056	10,955	10,281	8,504	7,747	8,393	7,625
Tequila Subtotal	7,890	9,709	6,305	6,526	6,783	7,271	7,949	8,404	9,750	9,754
Non-Whiskey										
Domestic	185,314	189,846	200,109	215,209	222,971	NA	217,040	210,648	213,729	210,112
Imported	21,272	25,052	21,732	25,433	27,503	NA	37,849	39,035	43,276	46,305
Subtotal	206,586	214,898	221,841	240,642	250,474	244,001	254,889	249,683	257,005	256,416
Not Elsewhere Specified										
Domestic	595	322	287	274	300	NA	349	986	544	1,121
Imported	2,859	629	1,077	1,619	1,913	NA	254	291	245	234
Subtotal	3,454	950	1,364	1,893	2,213	636	603	1,276	790	1,354
Total Domestic Distilled Spirits	**320,448**	**310,045**	**318,263**	**333,861**	**339,418**	**NA**	**324,292**	**310,289**	**306,096**	**295,723**
Total Imported Distilled Spirits	**128,103**	**126,506**	**123,557**	**138,123**	**135,163**	**NA**	**141,219**	**137,030**	**142,106**	**142,924**
Total Distilled Spirits	**448,551**	**436,550**	**441,820**	**471,984**	**474,580**	**449,691**	**465,511**	**447,319**	**448,202**	**438,647**

NOTE: Because of rounding, detail may not add to total. Includes some conversion from proof gallons to wine gallons.

[a]Revised.

[b]May include product to which 160 proof and over whiskey has been added as part of contents but does not enter trade channels at 160 proof.

[c]From 1965 to June 1975 bulk proof gallons reported by Census were converted at 82°; before 1965 at 86°; actual volume reported after June 1975.

[d]Includes whiskey from Northern Ireland.

[e]Vodka statistics in 1982 and 1983 were incorrectly reported. Certain proprietors of distilled spirits plants who provide BATF with monthly processing reports had been classifying vodka distilled in Puerto Rico as imports. BATF has provided the correct figures and appropriate adjustments are included.

NA-Data for calendar 1980 are not strictly comparable with 1981 and earlier year data because of reporting and definitional difficulties in the first nine months of 1980 that resulted from the change to the all-in-bond system by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Also, for these reasons, a breakdown between domestic and imported non-whiskey spirits of 1980 is not reliable and therefore is not given.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

Table 20. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, Domestic and Foreign bottling, by Class and Type, 1983 and 1984

(000 Wine Gallons)

Class and Type	1984							1983		
	Volume Bottled in United States[a]			Bottled						
	Domestic Spirits	Bulk Imports	Subtotal	Imports[b]	Shipments from Puerto Rico and U.S. Virgin Islands	Total	Percentage of Total	Total	Percentage of Total	Percentage Change
Domestic Whiskey										
Bonded[a]	1,360		1,360			1,360	0.3	1,621	0.4	−16.1
Straight	48,943		48,943			48,943	11.2	55,384	12.4	−11.6
Blended Straights	921		921			921	0.2	930	0.2	−0.9
Over 160 Proof[c]	3,861		3,861			3,861	0.9	4,339	1.0	−11.0
Blended Whiskey	29,406		29,406			29,406	6.7	29,549	6.6	−0.5
Subtotal	84,491		84,491			84,491	19.3	91,823	20.5	−8.0
Imported Whiskey										
Scotland & N. Ireland						41,747	9.5	45,879	10.2	−9.0
Bottled in United Kingdom				23,677		23,677	5.4	25,165	5.6	−5.9
Bottled in United States		18,070	18,070			18,070	4.1	20,714	4.6	−12.8
Canadian						54,014	12.3	51,935	11.6	4.0
Bottled in Canada				19,801		19,801	4.5	18,090	4.0	9.5
Bottled in United States		34,213	34,213			34,213	7.8	33,845	7.6	1.1
Ireland & Others		468	468	156		624	—	770	0.2	−18.9
Subtotal		52,751	52,751	43,634		96,386	22.0	98,584	22.0	−2.2
Total All Whiskey	**84,491**	**52,751**	**137,242**	**43,634**		**180,876**	**41.2**	**190,407**	**42.5**	**−5.0**
Gin										
Domestic	33,481		33,481			33,481	7.6	35,052	7.8	−4.5
Imported		139	139	5,989		6,128	1.4	6,287	1.4	−2.5
Subtotal	33,481	139	33,619	5,989		39,608	9.0	41,339	9.2	−4.2
Vodka										
Domestic	94,280		94,280			94,280	21.5	98,519	22.0	−4.3
Imported		222	222	4,100		4,321	1.0	2,996	0.7	44.2
Subtotal	94,280	222	94,502	4,100		98,602	22.5	101,516	22.6	−2.9
Rum										
Puerto Rico	20,474		20,474		6,733	27,206	6.2	27,107	6.0	0.4
Virgin Islands	3,115		3,115		14	3,129	0.7	3,396	0.8	−7.8
Other Domestic	2,687		2,687			2,687	0.6	2,698	0.6	−0.4
Subtotal Domestic	26,275		26,275		6,747	33,022	7.5	33,201	7.4	−0.5
Subtotal Imported		1,292	1,292	274		1,566	0.4	1,500	0.3	4.4
Subtotal All Rum	26,275	1,292	27,567	274	6,747	34,588	7.9	34,701	7.7	−0.3
Brandy										
Domestic	14,512		14,512			14,512	3.3	14,626	3.3	−0.8
Imported		947	947	6,717		7,663	1.7	7,339	1.6	4.4
Subtotal	14,512	947	15,459	6,717		22,176	5.1	21,965	4.9	1.0
Cordials and Specialties										
Domestic	27,718		27,718			27,718	6.3	24,072	5.4	15.1
Imported		7,391	7,391	8,954		16,345	3.7	15,269	3.4	7.0
Subtotal	27,718	7,391	35,109	8,954		44,063	10.0	39,341	8.8	12.0
Cocktails/Mixed Drinks										
Domestic	7,098		7,098			7,098	1.6	8,258	1.8	−14.0
Imported		527	527			527	—	134	—	292.5
Subtotal	7,098	527	7,625			7,625	1.7	8,393	1.9	−9.1
Tequila		9,722	9,722	32		9,754	2.2	9,750	2.2	0.0
Non-Whiskey										
Domestic	203,365		203,365		6,747	210,112	47.9	213,729	47.7	−1.7
Imported		20,239	20,239	26,065		46,305	10.6	43,276	9.7	7.0
Total	203,365	20,239	223,604	26,065	6,747	256,416	58.5	257,005	57.3	−0.2
Not Elsewhere Specified[d]										
Domestic	1,121		1,121			1,121	0.3	544	—	105.8
Imported				234		234	—	245	—	−4.8
Subtotal	1,121		1,121	234		1,354	0.3	790	0.2	71.4
Total Domestic Distilled Spirits	**288,976**		**288,976**		**6,747**	**295,723**	**67.4**	**306,096**	**68.3**	**−3.4**
Total Imported Distilled Spirits		**72,991**	**72,991**	**69,933**		**142,924**	**32.6**	**142,106**	**31.7**	**0.6**
Grand Total	**288,976**	**72,991**	**361,967**	**69,933**	**6,747**	**438,647**	**100.0**	**448,202**	**100.0**	**−2.1**

NOTE: Because of rounding, detail may not add to total. Percentages calculated before rounding.

[a]U.S. bottling for export included. Bulk imported distilled spirits converted to wine gallons from proof gallons.

[b]Includes only imports in containers of one gallon or less. Imports converted to wine gallons from proof gallons.

[c]May include product to which 160 proof and over whiskey has been added as part of contents but does not enter trade channels at 160 proof.

[d]Includes aquavit, arrack, bitters, spirits for beverages, imitations of brandy.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

Figure 9. Distilled Spirits Entering Trade Channels in the U.S., 1972-1984

(Millions of Wine Gallons)

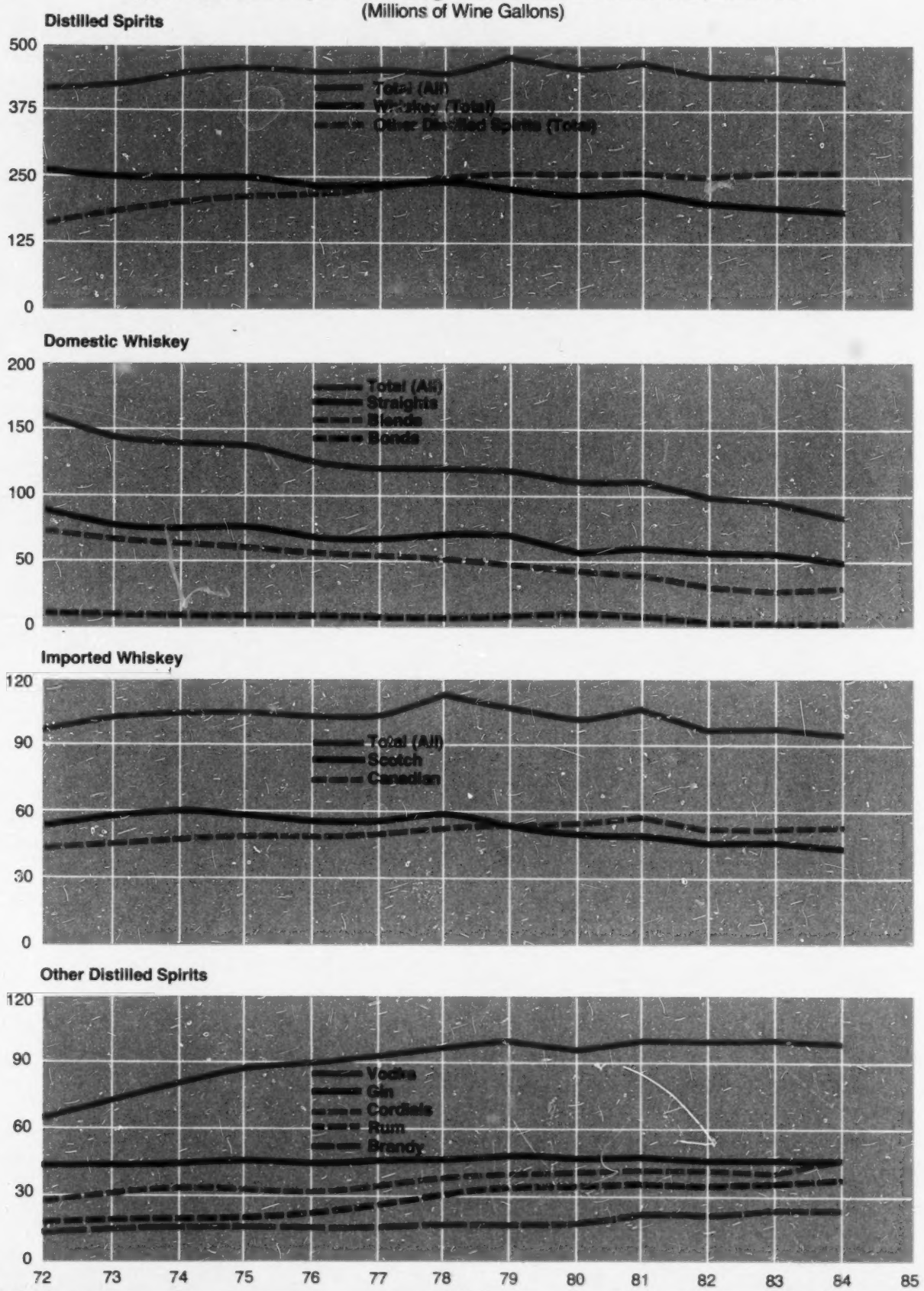


Table 21. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1984

(Wine Gallons)

	Whiskey													
STATE	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[b]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	13,992	649	1,342,878	—	—	471,551	—	66,675	9,742	1,905,487	292,636	738,927	2,507	1,034,070	2,939,557
Idaho	1,125	391	169,161	432	—	91,363	—	—	118	262,590	67,381	306,739	2,414	376,534	639,124
Iowa	4,578	—	412,248	553	—	441,583	—	12,752	254	871,968	188,316	574,012	2,197	764,525	1,636,493
Maine	1,925	—	102,044	877	—	294,751	—	—	491	400,088	113,750	387,532	3,050	504,332	904,420
Michigan	18,408	35	881,093	4,535	—	1,867,949	—	—	4,519	2,776,539	1,053,515	2,995,855	13,514	4,062,884	6,839,423
Mississippi	22,976	—	1,053,008	856	—	467,853	—	—	5,254	1,549,947	197,829	670,301	1,299	869,429	2,419,376
Montana	849	—	182,963	596	—	73,229	—	—	177	257,834	63,152	351,973	1,931	417,056	674,890
New Hampshire	8,495	—	265,466	1,196	—	453,749	—	—	164	729,070	442,731	583,035	10,447	1,036,213	1,765,283
North Carolina	29,924	1,829	2,156,706	691	—	634,100	—	52,186	35,771	2,911,207	601,834	1,519,180	5,758	2,126,772	5,037,979
Ohio	73,964	—	1,528,623	4,432	—	1,440,067	—	—	406	3,047,492	996,082	2,086,559	15,494	3,098,135	6,145,627
Oregon	3,113	582	459,452	1,640	—	407,285	—	—	758	872,830	253,917	837,997	14,699	1,106,613	1,979,443
Pennsylvania	49,324	—	1,120,210	24,514	—	2,178,675	—	—	3,061	3,375,784	1,204,747	2,264,444	27,283	3,496,474	6,872,258
Utah	1,805	183	206,761	—	—	45,631	—	1,612	164	256,156	87,423	355,100	1,951	444,474	700,630
Vermont	932	—	61,440	415	—	82,119	—	—	28	144,934	103,542	190,222	3,492	297,256	442,190
Virginia	23,893	—	2,258,603	2,743	—	504,919	—	—	17,479	2,807,637	804,600	786,897	15,264	1,606,761	4,414,398
Washington	13,859	—	625,124	5,693	—	693,116	—	—	2,140	1,339,932	508,856	1,750,219	31,640	2,290,715	3,630,647
West Virginia	8,356	363	454,078	611	—	164,537	—	—	2,168	630,113	79,925	276,849	1,316	358,090	988,203
Wyoming	726	—	136,914	353	—	43,294	—	—	157	181,444	60,262	236,108	1,460	297,830	479,274
Total Control States	**278,244**	**4,032**	**13,416,792**	**50,137**	**—**	**10,355,771**	**—**	**133,225**	**82,851**	**24,321,052**	**7,120,496**	**16,911,949**	**155,716**	**24,188,163**	**48,509,215**
LICENSE STATES: (Reporting Class and Type Breakdown)															
Arizona	3,500	—	751,409	2,626	—	371,445	—	5,389	300	1,134,669	576,626	615,631	7,590	1,199,847	2,334,516
Colorado	4,690	—	1,034,573	3,039	—	349,933	—	546	605	1,393,386	695,147	674,378	17,191	1,386,716	2,780,102
Connecticut	2,894	—	244,899	276	—	564,389	—	2	423	812,883	690,712	454,130	15,793	1,160,635	1,973,518
Delaware	11,089	—	126,040	492	—	142,141	—	—	469	280,231	136,475	242,261	3,226	381,962	662,193
District of Columbia	9,324	—	307,571	796	—	37,843	—	—	1,158	356,692	436,568	145,351	11,083	593,002	949,694
Florida	54,010	—	3,130,010	7,035	—	1,841,315	—	—	5,726	5,038,096	4,006,002	3,438,445	28,771	7,473,218	12,511,314
Georgia	42,814	—	1,501,791	1,280	—	735,846	—	7,978	33,484	2,323,193	996,046	1,905,925	9,533	2,911,504	5,234,697
Hawaii	494	—	150,412	437	—	68,029	—	2,529	912	222,813	164,930	134,800	2,995	302,725	525,538
Indiana	60,133	2	1,040,559	1,381	—	791,597	—	3,687	4,521	1,901,880	442,847	1,151,857	6,098	1,600,802	3,502,682
Kansas	7,308	—	765,928	839	—	179,096	—	1,964	1,069	956,204	290,102	412,973	2,885	705,960	1,662,164
Kentucky	129,479	53,968	1,666,676	1,049	42,436	365,180	280	3,913	1,878	2,264,859	221,095	369,310	8,261	598,666	2,863,525
Louisiana	65,151	—	1,569,969	1,956	—	443,801	—	477	368	2,081,722	669,597	1,184,818	5,114	1,859,529	3,941,251
Maryland	47,037	19,670	1,209,323	29,653	64,068	652,183	—	525	32,131	2,054,590	1,020,305	1,256,471	23,750	2,300,526	4,355,116
Massachusetts	16,103	—	611,881	1,602	—	1,201,406	—	463	384	1,831,839	1,271,082	1,382,824	29,462	2,683,368	4,515,207
Minnesota	3,152	—	369,516	1,860	—	395,959	—	681	74	771,250	446,010	1,670,126	6,791	2,122,927	2,894,177
Missouri	23,667	—	1,383,044	1,462	—	405,259	—	16,885	4,780	1,835,084	657,851	1,055,666	9,337	1,722,854	3,557,938
Nebraska	2,025	—	324,695	423	—	162,894	—	277	1,337	491,651	213,450	523,932	2,052	739,433	1,231,084
Nevada	2,176	—	462,165	892	—	201,152	—	31,790	369	698,543	318,902	606,290	7,297	932,489	1,631,032
New Mexico	1,042	—	396,210	636	—	127,167	—	20,283	203	545,491	154,661	217,191	3,607	375,459	920,950
North Dakota	383	—	60,141	127	—	44,887	—	—	48	105,586	29,058	449,268	323	478,649	584,235
Oklahoma	29,445	43	967,195	1,695	—	230,370	—	21,994	6,099	1,256,841	448,747	989,908	5,136	1,443,791	2,700,632
Rhode Island	2,667	—	86,499	289	—	192,154	—	769	107	282,485	192,009	142,782	3,970	338,761	621,246
South Carolina	15,921	—	924,274	816	—	278,727	—	7,268	13,083	1,240,089	438,984	1,214,628	3,702	1,657,314	2,897,403
South Dakota	296	—	86,833	259	—	61,318	—	2,587	41	151,334	46,081	482,547	567	529,195	680,529
Texas	132,885	—	5,045,872	6,486	—	1,226,237	—	18,684	3,124	6,433,288	2,771,364	3,173,948	30,390	5,975,702	12,408,990
Wisconsin	5,567	—	530,182	66,550	—	985,917	—	743	654	1,589,613	318,945	632,746	7,318	959,009	2,548,622
License States Reporting—Total	**673,252**	**73,683**	**24,747,567**	**133,964**	**106,504**	**12,056,245**	**280**	**149,364**	**113,353**	**38,054,312**	**17,653,596**	**24,528,206**	**252,242**	**42,434,043**	**80,488,355**
All Reporting States—Total	**951,496**	**77,715**	**38,164,459**	**184,101**	**106,504**	**22,412,016**	**280**	**282,589**	**196,204**	**62,375,364**	**24,774,094**	**41,440,155**	**407,958**	**66,622,206**	**128,997,570**

Table 21, Cont'd. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1984

(Wine Gallons)

STATE	Non-Whiskey: Gin	Vodka	Rum	Brandy[d]	Cordials Etc.	Cocktails	Tequila	Total Non-Whiskey	Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1984 Grand Total Distilled Spirits	Jan-Dec 1983 Grand Total Distilled Spirits
CONTROL STATES: (Gallonage Sales at State Stores)													
Alabama	662,910	1,021,512	291,072	108,074	128,316	28,837	89,649	2,330,370	4,031,890	1,238,038	—	5,269,927	5,400,200
Idaho	76,972	259,119	83,122	31,009	139,502	7,445	44,825	641,994	795,060	486,058	—	1,281,118	1,280,750
Iowa	184,908	694,887	151,761	56,976	537,690	37,337	84,853	1,748,412	2,439,939	944,966	—	3,384,905	3,575,584
Maine	159,763	482,440	243,196	28,162	406,558	31,343	21,602	1,373,066	1,618,626	658,860	—	2,277,486	2,276,930
Michigan	1,246,713	3,716,171	1,398,278	991,284	2,436,311	154,948	211,213	10,154,918	11,440,553	5,553,788	—	16,994,341	16,881,744
Mississippi	386,645	464,251	155,959	71,666	98,828	60,962	39,875	1,278,186	2,681,584	1,015,978	—	3,697,562	3,800,397
Montana	95,072	245,275	83,412	83,782	218,983	9,491	29,622	765,637	927,212	513,315	—	1,440,527	1,519,945
New Hampshire	430,951	954,728	364,430	113,705	721,235	80,113	41,424	2,706,586	2,948,882	1,522,987	—	4,471,869	4,404,927
North Carolina	709,862	2,485,498	604,502	132,360	310,817	67,031	112,168	4,422,238	6,987,821	2,472,396	—	9,460,217	9,488,702
Ohio	1,405,367	2,227,398	966,292	315,193	1,049,495	300,782	182,536	6,447,063	8,693,496	3,927,686	28,492	12,649,674	13,433,340
Oregon	291,447	1,003,581	260,282	156,959	378,653	22,836	143,344	2,257,102	2,766,446	1,470,099	—	4,236,545	4,371,897
Pennsylvania	1,530,900	3,451,881	997,040	360,573	2,157,831	134,375	95,262	8,727,862	10,957,060	4,643,060	—	15,600,120	15,714,485
Utah	63,352	371,302	114,370	22,851	89,578	17,277	44,132	722,862	876,253	547,239	—	1,423,492	1,357,884
Vermont	125,216	268,308	91,080	27,219	208,219	13,302	13,085	746,429	742,106	446,513	—	1,188,619	1,214,943
Virginia	1,149,087	1,749,161	725,097	158,607	448,554	159,209	113,510	4,503,222	6,844,680	2,072,940	—	8,917,620	8,979,848
Washington	537,427	1,721,421	525,248	212,976	656,577	69,786	259,497	3,982,932	4,549,628	3,063,951	—	7,613,579	7,784,496
West Virginia	108,289	312,633	84,488	11,786	119,638	8,773	24,376	669,983	1,230,300	427,886	—	1,658,186	1,820,092
Wyoming	49,806	161,795	70,043	24,704	151,035	12,146	25,645	495,174	597,903	376,515	—	974,448	1,025,014
Total Control States	**9,214,687**	**21,591,361**	**7,209,674**	**2,907,886**	**10,257,820**	**1,215,993**	**1,576,618**	**53,974,039**	**71,129,439**	**31,382,304**	**28,492**	**102,540,235**	**104,331,178**
LICENSE STATES: (Reporting Class and Type Breakdown)													
Arizona	356,812	1,141,121	421,942	163,968	565,077	88,261	219,260	2,956,441	3,484,825	1,810,885	4,753	5,295,710	5,062,238
Colorado	436,219	1,274,775	548,683	147,425	894,802	89,951	240,882	3,632,737	4,269,777	2,154,921	11,859	6,424,698	6,044,554
Connecticut	611,194	956,375	545,461	148,477	985,535	118,900	53,642	3,419,584	3,401,340	1,791,832	70	5,393,172	5,435,518
Delaware	209,462	334,864	114,515	50,416	152,950	46,309	10,149	918,665	1,073,561	508,969	1,672	1,582,530	1,564,726
District of Columbia	274,548	578,327	381,696	158,231	166,022	15,426	23,113	1,597,363	1,606,658	942,292	1,893	2,548,950	2,827,742
Florida	2,768,107	6,227,954	2,222,895	879,600	2,076,191	292,712	478,053	14,945,512	17,120,040	10,357,888	21,102	27,477,928	28,007,276
Georgia	1,603,696	2,592,271	636,878	667,681	466,449	112,654	203,018	6,282,647	7,723,457	3,815,462	21,575	11,538,919	11,416,006
Hawaii	125,264	489,113	304,842	43,621	198,393	53,542	62,429	1,277,204	1,264,796	538,208	262	1,803,004	1,793,064
Indiana	569,640	1,320,250	476,558	148,035	803,994	75,391	138,417	3,532,285	4,849,213	2,192,384	8,630	7,041,597	7,124,812
Kansas	168,011	473,728	175,966	53,239	271,767	38,291	66,984	1,247,986	2,035,040	883,349	8,239	2,918,389	2,902,888
Kentucky	351,442	881,824	230,160	106,294	213,137	91,187	83,713	1,957,757	4,014,831	816,635	10,184	4,831,466	4,922,136
Louisiana	745,541	506,815	511,353	227,183	496,396	77,149	109,354	2,673,791	4,154,338	2,469,962	9,258	6,624,300	6,954,919
Maryland	1,113,655	1,980,411	1,217,152	521,694	839,518	311,453	83,679	6,067,862	7,328,553	3,102,648	8,223	10,431,201	10,260,803
Massachusetts	950,300	2,207,568	977,023	393,553	2,552,192	120,431	112,013	7,313,080	7,104,157	4,724,535	405	11,828,692	11,425,792
Minnesota	347,554	749,743	425,074	1,394,749	705,592	51,383	110,017	3,784,112	4,064,085	2,614,204	—	6,678,289	6,633,638
Missouri	561,715	841,656	365,208	168,260	600,606	121,907	126,265	2,805,615	4,077,979	2,288,862	3,286	6,366,841	6,321,084
Nebraska	126,051	443,752	121,209	76,063	327,797	20,596	62,814	1,178,282	1,501,592	911,869	4,095	2,413,461	2,359,790
Nevada	304,505	1,027,913	275,261	184,578	519,643	58,325	139,450	2,509,675	2,683,832	1,468,606	11,731	4,152,438	4,305,479
New Mexico	112,003	355,195	167,572	19,620	184,882	52,808	98,614	1,030,694	1,379,142	575,283	2,781	1,954,425	2,216,653
North Dakota	52,788	197,474	84,364	110,991	169,305	19,448	24,465	658,835	712,835	535,939	5,704	1,248,774	1,331,897
Oklahoma	273,497	760,414	283,145	122,130	312,258	58,909	161,701	1,972,054	2,877,125	1,807,463	11,902	4,684,588	4,919,543
Rhode Island	178,374	470,869	142,177	73,141	407,086	44,316	19,956	1,335,919	1,333,521	625,728	2,084	1,959,249	2,014,571
South Carolina	822,017	1,666,001	390,655	173,480	219,251	65,795	74,042	3,411,241	4,333,155	1,979,405	3,916	6,312,560	6,275,279
South Dakota	38,052	185,508	53,194	38,760	141,282	19,739	20,039	496,574	608,498	573,324	4,719	1,181,822	1,251,768
Texas	1,808,172	4,115,829	1,716,999	602,330	1,762,326	466,619	1,299,864	11,722,139	15,310,613	8,902,848	32,332	24,213,461	23,116,853
Wisconsin	789,956	1,679,300	380,064	2,632,629	1,361,759	72,377	170,498	7,066,583	7,984,456	1,632,959	2,210	9,617,415	9,694,153
License States Reporting—Total	**15,678,575**	**33,499,050**	**13,190 346**	**9,306,148**	**17,394,210**	**2,583,879**	**4,192,431**	**95,844,639**	**116,297,419**	**60,226,460**	**190,885**	**176,523,879**	**175,183,202**
All Reporting States—Total	**24,893,262**	**55,090,411**	**20,400,020**	**12,214,034**	**27,652,030**	**3,799,872**	**5,769,049**	**257,766,756**	**187,426,858**	**91,608,764**	**219,377**	**279,064,114**	**279,514,380**
LICENSE STATES: (Breakdown Not Available)													
Alaska												1,397,303	1,469,901
*Arkansas												2,870,772	2,799,780
*California												53,011,989	54,026,098
*Illinois												22,238,003	22,513,783
*New Jersey												16,413,919	16,747,488
*New York												36,325,042	36,388,779
*Tennessee												6,384,884	6,286,048
License States Not Reporting Class & Type—Total												**138,641,912**	**140,231,877**
Grand Total												**417,706,026**	**419,746,257**

*Sales based on state tax collections.

[a]Control state data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.

[b]Includes young whiskey under 2 years.

[c]Includes Irish and unclassified whiskeys.

[d]The California Brandy Advisory Board has developed statistics that differ from these because the Board includes estimates of brandy sales in some states that have not been reported under DISCUS procedures.

Source: Control States: Data issues by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, data reported by states and compiled by DISCUS.

Table 22. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1984

(Percentage)

STATE	Whiskey									Brandy				
	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[b]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	0.3	—	25.5	—	—	8.9	—	1.3	0.2	36.2	5.6	14.0	—	19.6	55.8
Idaho	0.1	—	13.2	—	—	7.1	—	—	—	20.5	5.3	23.9	0.2	29.4	49.9
Iowa	0.1	—	12.2	—	—	13.0	—	0.4	—	25.8	5.6	17.0	0.1	22.6	48.3
Maine	0.1	—	4.5	—	—	12.9	—	—	—	17.6	5.0	17.0	0.1	22.1	39.7
Michigan	0.1	—	5.2	—	—	11.0	—	—	—	16.3	6.2	17.6	0.1	23.9	40.2
Mississippi	0.6	—	28.5	—	—	12.7	—	—	0.1	41.9	5.4	18.1	—	23.5	65.4
Montana	0.1	—	12.7	—	—	5.1	—	—	—	17.9	4.4	24.4	0.1	29.0	46.9
New Hampshire	0.2	—	5.9	—	—	10.1	—	—	—	16.3	9.9	13.0	0.2	23.2	39.5
North Carolina	0.3	—	22.8	—	—	6.7	—	0.6	0.4	30.8	6.4	16.1	0.1	22.5	53.3
Ohio	0.6	—	12.1	—	—	11.4	—	—	—	24.1	7.9	16.5	0.1	24.5	48.7
Oregon	0.1	—	10.8	—	—	9.6	—	—	—	20.6	6.0	19.8	0.3	26.1	46.7
Pennsylvania	0.3	—	7.2	0.2	—	14.0	—	—	—	21.6	7.7	14.5	0.2	22.4	44.1
Utah	0.1	—	14.5	—	—	3.2	—	0.1	—	18.0	6.1	24.9	0.1	31.2	49.2
Vermont	0.1	—	5.2	—	—	6.9	—	—	—	12.2	8.7	16.0	0.3	25.0	37.2
Virginia	0.3	—	25.3	—	—	5.7	—	—	0.2	31.5	9.0	8.8	0.2	18.0	49.5
Washington	0.2	—	8.2	0.1	—	9.1	—	—	—	17.6	6.7	23.0	0.4	30.1	47.7
West Virginia	0.5	—	27.4	—	—	9.9	—	—	0.1	38.0	4.8	16.7	0.1	21.6	59.6
Wyoming	0.1	—	14.1	—	—	4.4	—	—	—	18.6	6.2	24.2	0.1	30.6	49.2
Control States	**0.3**	**—**	**13.1**	**—**	**—**	**10.1**	**—**	**0.1**	**0.1**	**23.7**	**6.9**	**16.5**	**0.2**	**23.6**	**47.3**
LICENSE STATES: (Reporting Class and Type Breakdown)															
Arizona	0.1	—	14.2	—	—	7.0	—	0.1	—	21.4	10.9	11.6	0.1	22.7	44.1
Colorado	0.1	—	16.1	—	—	5.4	—	—	—	21.7	10.8	10.5	0.3	21.6	43.3
Connecticut	0.1	—	4.5	—	—	10.5	—	—	—	15.1	12.8	8.4	0.3	21.5	36.6
Delaware	0.7	—	8.0	—	—	9.0	—	—	—	17.7	8.6	15.3	0.2	24.1	41.8
District of Columbia	0.4	—	12.1	—	—	1.5	—	—	—	14.0	17.1	5.7	0.4	23.3	37.3
Florida	0.2	—	11.4	—	—	6.7	—	—	—	18.3	14.6	12.5	0.1	27.2	45.5
Georgia	0.4	—	13.0	—	—	6.4	—	0.1	0.3	20.1	8.6	16.5	0.1	25.2	45.4
Hawaii	0.0	—	8.3	—	—	3.8	—	0.1	0.1	12.4	9.1	7.5	0.2	16.8	29.1
Indiana	0.9	—	14.8	—	—	11.2	—	0.1	0.1	27.0	6.3	16.4	0.1	22.7	49.7
Kansas	0.3	—	26.2	—	—	6.1	—	0.1	—	32.8	9.9	14.2	0.1	24.2	57.0
Kentucky	2.7	1.1	34.5	—	0.9	7.6	—	0.1	—	46.9	4.6	7.6	0.2	12.4	59.3
Louisiana	1.0	—	23.7	—	—	6.7	—	—	—	31.4	10.1	17.9	0.1	28.1	59.5
Maryland	0.5	0.2	11.6	0.3	0.6	6.3	—	—	0.3	19.7	9.8	12.0	0.2	22.1	41.8
Massachusetts	0.1	—	5.2	—	—	10.2	—	—	0.0	15.5	10.7	11.7	0.2	22.7	38.2
Minnesota	—	—	5.5	—	—	5.9	—	—	0.0	11.5	6.7	25.0	0.1	31.8	43.3
Missouri	0.4	—	21.7	—	—	3.4	—	0.3	0.1	28.8	10.3	16.6	0.1	27.1	55.9
Nebraska	0.1	—	13.5	—	—	6.7	—	—	0.1	20.4	8.8	21.7	0.1	30.6	51.0
Nevada	0.1	—	11.1	—	—	4.8	—	0.8	—	16.8	7.7	14.6	0.2	22.5	39.3
New Mexico	0.1	—	20.3	—	—	6.5	—	1.0	—	27.9	7.9	11.1	0.2	19.2	47.1
North Dakota	—	—	4.8	—	—	3.6	—	—	—	8.5	2.3	36.0	—	38.3	46.8
Oklahoma	0.6	—	20.6	—	—	4.9	—	0.5	0.1	26.8	9.6	21.1	0.1	30.8	57.6
Rhode Island	0.1	—	4.4	—	—	9.8	—	—	—	14.4	9.8	7.3	0.2	17.3	31.7
South Carolina	0.3	—	14.6	—	—	4.4	—	0.1	0.2	19.6	7.0	19.2	0.1	26.3	45.9
South Dakota	—	—	7.3	—	—	5.2	—	0.2	—	12.8	3.9	40.8	—	44.8	57.6
Texas	0.5	—	20.8	—	—	5.1	—	0.1	—	26.6	11.4	13.1	0.1	24.7	51.2
Wisconsin	0.1	—	5.5	0.7	—	10.3	—	—	—	16.5	3.3	6.6	0.1	10.0	26.5
License States Reporting—Total	**0.4**	**0.0**	**14.1**	**0.1**	**0.1**	**6.8**	**—**	**0.1**	**0.1**	**21.6**	**10.0**	**13.9**	**0.1**	**24.0**	**45.6**
All Reporting States—Total	**0.3**	**0.0**	**13.7**	**0.1**	**—**	**8.0**	**—**	**0.1**	**0.1**	**22.4**	**8.9**	**14.9**	**0.1**	**23.9**	**46.2**

Table 22, Cont'd. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1984

(Percentage)

STATE	Non-Whiskey								Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1984 Grand Total Distilled Spirits
	Gin	Vodka	Rum	Brandy	Cordials Etc.	Cocktails	Tequila	Total Non-Whiskey				
CONTROL STATES: (Gallonage Sales at State Stores)												
Alabama	12.6	19.4	5.5	2.1	2.4	0.5	1.7	44.2	76.5	23.5	—	100.0
Idaho	6.0	20.2	6.5	2.4	10.9	0.6	3.5	50.1	62.1	37.9	—	100.0
Iowa	5.5	20.5	4.5	1.7	15.9	1.1	2.5	51.7	72.1	27.9	—	100.0
Maine	7.0	21.2	10.7	1.2	17.9	1.4	0.9	60.3	71.1	28.9	—	100.0
Michigan	7.3	21.9	8.2	5.8	14.3	0.9	1.2	59.8	67.3	32.7	—	100.0
Mississipi	10.5	12.6	4.2	1.9	2.7	1.6	1.1	34.6	72.5	27.5	—	100.0
Montana	6.6	17.0	5.8	5.8	15.2	0.7	2.1	53.1	64.4	35.6	—	100.0
New Hampshire	9.6	21.3	8.1	2.5	16.1	1.8	0.9	60.5	65.9	34.1	—	100.0
North Carolina	7.5	26.3	6.4	1.4	3.3	0.7	1.2	46.7	73.9	26.1	—	100.0
Ohio	11.1	17.6	7.7	2.5	8.3	2.4	1.4	51.0	68.9	31.1	0.2	100.0
Oregon	6.9	23.7	6.1	3.7	8.9	0.5	3.4	53.3	65.3	34.7	—	100.0
Pennsylvania	9.8	22.1	6.4	2.3	13.8	0.9	0.6	55.9	70.2	29.8	—	100.0
Utah	4.5	26.1	8.0	1.6	6.3	1.2	3.1	50.8	61.6	38.4	—	100.0
Vermont	10.5	22.6	7.7	2.3	17.5	1.1	1.1	62.8	62.4	37.6	—	100.0
Virginia	12.9	19.6	8.1	1.8	5.0	1.8	1.3	50.5	76.8	23.2	—	100.0
Washington	7.1	22.6	6.9	2.8	8.6	0.9	3.4	52.3	59.8	40.2	—	100.0
West Virginia	6.5	18.9	5.1	0.7	7.2	0.5	1.5	40.4	74.2	25.8	—	100.0
Wyoming	5.1	16.6	7.2	2.5	15.5	1.2	2.6	50.8	61.4	38.6	—	100.0
Total Control States	**9.0**	**21.1**	**7.0**	**2.8**	**10.0**	**1.2**	**1.5**	**52.6**	**69.4**	**30.6**	**—**	**100.0**
LICENSE STATES: (Reporting Class and Type Breakdown)												
Arizona	8.7	21.5	8.0	3.1	10.7	1.7	4.1	55.8	65.8	34.2	0.1	100.0
Colorado	6.8	19.8	8.5	2.3	13.9	1.4	3.7	56.5	66.5	33.5	0.2	100.0
Connecticut	11.3	17.7	10.1	2.8	16.3	2.2	1.0	63.4	63.1	36.9	—	100.0
Delaware	13.2	21.2	7.2	3.2	9.7	2.9	0.6	58.1	67.8	32.2	0.1	100.0
District of Columbia	10.8	22.7	15.0	6.2	6.5	0.6	0.9	62.7	63.0	37.0	0.1	100.0
Florida	10.1	22.7	8.1	3.2	7.6	1.1	1.7	54.4	62.3	37.7	0.1	100.0
Georgia	13.9	22.5	5.5	5.8	4.0	1.0	1.8	54.4	66.9	33.1	0.2	100.0
Hawaii	6.9	27.1	16.9	2.4	11.0	3.0	3.5	70.8	70.1	29.9	—	100.0
Indiana	8.1	18.7	6.8	2.1	11.4	1.1	2.0	50.2	68.9	31.1	0.1	100.0
Kansas	5.8	16.2	6.0	1.8	9.3	1.3	2.3	42.8	69.7	30.3	0.3	100.0
Kentucky	7.3	18.3	4.8	2.2	4.4	1.9	1.7	40.5	83.1	16.9	0.2	100.0
Louisiana	11.3	7.7	7.7	3.4	7.5	1.2	1.7	40.4	62.7	37.3	0.1	100.0
Maryland	10.7	19.0	11.7	5.0	8.0	3.0	0.8	58.2	70.3	29.7	0.1	100.0
Massachusetts	8.0	18.7	8.3	3.3	21.6	1.0	0.9	61.8	60.1	39.9	—	100.0
Minnesota	5.2	11.2	6.4	20.9	10.6	0.8	1.6	56.7	60.9	39.1	—	100.0
Missouri	8.8	13.2	6.1	2.6	9.4	1.9	2.0	44.1	64.1	35.9	0.1	100.0
Nebraska	5.2	18.4	5.0	3.2	13.6	0.9	2.6	48.8	62.2	37.8	0.2	100.0
Nevada	7.3	24.8	6.6	4.4	12.5	1.4	3.4	60.4	64.6	35.4	0.3	100.0
New Mexico	5.7	20.2	8.6	1.0	9.5	2.7	5.0	52.7	70.6	29.4	0.1	100.0
North Dakota	4.2	15.8	6.8	8.9	13.6	1.6	2.0	52.8	57.1	42.9	0.5	100.0
Oklahoma	5.8	16.2	6.0	2.6	6.7	1.3	3.5	42.1	61.4	38.6	0.3	100.0
Rhode Island	9.1	24.0	7.3	3.7	20.8	2.3	1.0	68.2	68.1	31.9	0.1	100.0
South Carolina	13.0	26.4	6.2	2.7	3.5	1.0	1.2	54.0	68.6	31.4	0.1	100.0
South Dakota	3.2	15.7	4.5	3.3	12.0	1.7	1.7	42.0	51.5	48.5	0.4	100.0
Texas	7.5	17.0	7.1	2.5	7.3	1.9	5.4	48.6	63.2	36.8	0.1	100.0
Wisconsin	8.0	17.5	4.0	27.4	14.2	0.8	1.8	73.5	83.0	17.0	—	100.0
License States Reporting—Total	**8.9**	**19.0**	**7.5**	**5.3**	**9.9**	**1.5**	**2.4**	**54.3**	**65.9**	**34.1**	**0.1**	**100.0**
All Reporting States—Total	**8.9**	**19.7**	**7.3**	**4.4**	**9.9**	**1.4**	**2.1**	**53.7**	**67.2**	**32.8**	**0.1**	**100.0**
LICENSE STATES: (Breakdown Not Available)												
Alaska												100.0
*Arkansas												100.0
*California												100.0
*Illinois												100.0
*New Jersey												100.0
*New York												100.0
*Tennessee												100.0
License States Not Reporting Class and Type—Total												**100.0**
Grand Total												**100.0**

*Sales based on state tax collections.
[a]Control State data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.
[b]Includes young whiskey under 2 years.
[c]Includes Irish and Unclassified Whiskey.

Source: Control States: Data issued by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, data reported by states and compiled by DISCUS.

Table 23. Red and Green Strip Stamps Used by the Distilled Spirits Industry, by Bottle Size, 1974-1984

(Thousands of Stamps)

Fiscal Year and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1974											
Red	191,131	544,818	27,023	87,365	261,575	41,299	575,056	547,546	135,201	1,093	2,432,109
Green	1,331	11,899	—	409	5,659	—	8,872	3,186	552	2	31,911
Total	192,463	556,717	27,023	87,774	267,235	41,299	583,928	550,732	135,753	1,095	2,464,020
1975											
Red	231,482	542,363	24,056	83,096	275,812	56,593	515,393	552,681	149,650	649	2,431,775
Green	1,108	10,964	—	314	5,145	—	8,244	3,115	622	3	29,513
Total	232,590	553,326	24,056	83,410	280,956	56,593	523,637	555,796	150,272	652	2,461,289
1976											
Red	237,470	572,431	30,599	81,859	272,399	66,904	521,119	567,309	167,724	484	2,518,299
Green	1,146	10,859	—	239	5,250	—	7,735	3,401	747	2	29,380
Total	238,616	583,291	30,599	82,098	277,650	66,904	528,854	570,710	168,470	486	2,547,679
1978[a]											
Red	60,962	126,380	11,778	19,152	59,156	16,786	116,693	125,166	38,085	101	574,259
Green	172	1,646	—	42	909	—	1,353	579	158	[b]	4,859
Total	61,134	128,026	11,778	19,195	60,065	16,786	118,046	125,744	38,243	102	579,118
1977											
Red: U.S. Measure	247,305	451,949	32,642	85,801	244,675	70,841	354,082	553,355	87,824	797	2,129,272
Metric	346	101,675	—	—	212	—	139,282	1,216	83,212	—	325,943
Green: U.S. Measure	1,001	6,629	—	169	4,189	—	4,924	2,832	381	1	20,126
Metric	—	1,789	—	—	2	—	1,170	64	336	—	3,360
Subtotal U.S.	248,306	458,578	32,642	85,970	248,864	70,841	359,006	556,187	88,205	798	2,149,398
Subtotal Metric	346	103,464	—	—	214	—	140,452	1,280	83,548	—	329,303
Total	248,653	562,042	32,642	85,970	249,077	70,841	499,457	557,467	171,752	798	2,478,700
1978											
Red: U.S. Measure	232,362	116,000	31,841	95,212	273,399	85,310	100,264	562,862	6,154	463	1,503,865
Metric	12,707	480,613	—	—	1,960	—	393,111	3,316	177,792	—	1,069,498
Green: U.S. Measure	867	1,065	—	161	4,573	—	1,050	3,141	13	2	10,892
Metric	—	7,478	—	—	2	—	5,238	—	887	—	13,606
Subtotal U.S.	233,229	117,065	31,841	95,373	277,972	85,310	101,314	566,003	6,167	465	1,514,757
Subtotal Metric	12,707	488,091	—	—	1,962	—	398,349	3,316	178,679	—	1,083,104
Total	245,935	605,277	31,841	95,373	279,934	85,310	499,662	569,319	184,846	465	2,597,861
1979											
Red: U.S. Measure	295,914	31,628	28,775	104,275	254,585	82,323	46,426	571,103	2,249	482	1,417,759
Metric	27,150	595,094	—	—	13,775	—	431,563	12,601	189,396	—	1,269,578
Green: U.S. Measure	738	203	—	277	4,049	—	46	2,679	—	[b]	7,992
Metric	36	6,359	—	—	118	—	5,344	—	862	—	13,219
Subtotal U.S.	296,652	31,831	28,775	104,551	258,633	82,323	46,473	573,781	2,249	482	1,425,751
Subtotal Metric	27,186	601,953	—	—	13,893	—	436,907	12,601	190,258	—	1,282,797
Total	323,838	633,784	28,775	104,551	272,526	82,323	483,379	586,382	192,506	482	2,708,548
1980											
Red: U.S. Measure	33,268	7,057	10,586	30,197	77,933	24,707	4,059	204,298	75	227	392,408
Metric	127,360	542,260[c]	—	—	235,325	—	521,018	354,500	211,669	—	1,992,132
Green: U.S. Measure	13	34	—	15	733	—	—	1,062	—	[b]	1,858
Metric	625	6,993	—	—	3,573	—	6,512	2,105	1,622	—	21,429
Subtotal U.S.	33,280	7,091	10,586	30,212	78,666	24,707	4,059	205,360	75	227	394,265
Subtotal Metric	127,985	549,253	—	—	238,897	—	527,530	356,604	213,291	—	2,013,561
Total	161,265	556,345	10,586	30,212	317,564	24,707	531,589	561,964	213,366	227	2,407,826
1981[d]											
Red: Metric	165,144	542,849	—	—	335,422	—	551,855	517,211	238,542	—	2,351,024
Green: Metric	366	6,540	—	—	3,032	—	4,438	5,623	1,941	—	21,941
Alternative Devices	6,829	19,078	—	—	241	—	—	—	—	—	26,148
Total	172,339	568,467	—	—	338,695	—	556,294	522,835	240,483	—	2,399,112
1982[e]											
Red	141,185[f]	499,622	—	—	300,432	—	501,835	493,010	240,949	—	2,177,034
Green	536	4,856	—	—	2,305	—	3,540	1,686	777	—	13,701
Alternative Devices	50,170	15,075	—	—	3,567	—	40	1	—	—	68,853
Total	191,891	519,553	—	—	306,304	—	505,415	494,699	241,726	—	2,259,588
1983[d]											
Red	133,573[g]	497,451	—	—	274,197[h]	—	471,664	482,903	244,448	—	2,104,236
Green	176	4,440	—	—	1,885	—	2,801	1,245	613	—	11,160
Alternative Devices	59,496	28,690	—	—	16,038	—	11,761	7,118	5,315	—	128,417
Total	193,245	530,582	—	—	292,119	—	486,226	491,265	250,376	—	2,243,813
1984[d,h]											
Red	83,228	417,824	—	—	238,642	—	374,220	393,256	210,710	—	1,894,736
Green	345	4,461	—	—	1,921	—	2,596	1,375	644	—	11,341
Alternative Devices	94,410	30,934	—	—	15,550	—	32,082	15,050	20,107	—	262,146[i]
Total	177,983	453,218	—	—	256,113[j]	—	408,898	409,681	231,460	—	2,168,225

NOTES: Because of rounding, detail may not add to total. Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottlers. Green strip stamps are used by domestic bottlers for bottled-in-bond products. Reported by fiscal year ending June 30 (1974-1976) and Sept. 30 (1977-1984). Strip stamp report ceased July 1, 1985.

[a]Three months ending September 1976 for transition to new fiscal year.

[b]Less than 500.

[c]Year 1980 includes 14,546 million alternative devices for domestic use.

[d]Beginning 1981, all bottling in metric containers.

[e]Includes 827,000 stamps used for 100-ml bottles.

[f]Includes 2,009,000 stamps used for 100-ml bottles.

[g]Includes 25,000 stamps used for 375-ml bottles.

[h]Breakdown by size for red strip stamps and alternative devices used by foreign bottlers not available in 1984.

[i]Includes 3,123,351 red strip stamps and 120 alternative devices for 100-ml bottles.

[j]Includes 46,269,022 red strip stamps, 2[illegible]053 green strip stamps and 2,530,352 alternative devices for 375-ml bottles.

[k]Includes total red strip stamps and alternative devices used by foreign bottlers.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 24. Distilled Spirits Volume Represented by Strip Stamps, by Bottle Size, and Stamp Color, 1974-1984

(000 Wine Gallons)

Fiscal Year and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1974											
Red	2,389	34,051	2,533	8,736	35,197	7,744	115,011	136,887	67,600	1,093	411,242
Green	17	744	—	41	707	—	1,774	796	276	2	4,358
Total	2,406	34,795	2,533	8,777	35,904	7,744	116,786	137,683	67,877	1,095	415,599
1975											
Red	2,894	33,898	2,255	8,310	34,476	10,612	103,079	138,170	74,825	649	409,167
Green	14	685	—	31	643	—	1,649	779	311	3	4,115
Total	2,907	34,583	2,255	8,341	35,120	10,612	104,727	138,949	75,136	652	413,281
1976											
Red	2,968	35,777	2,868	8,186	34,050	12,545	104,224	141,827	83,862	484	426,791
Green	14	679	—	24	656	—	1,547	850	373	2	4,146
Total	2,983	36,456	2,868	8,210	34,706	12,545	105,771	142,678	84,235	486	430,937
1976[a]											
Red	762	7,899	1,104	1,915	7,394	3,148	23,339	31,291	19,042	101	95,996
Green	2	103	—	4	114	—	271	145	79	[b]	717
Total	764	8,002	1,104	1,919	7,508	3,148	23,609	31,436	19,121	102	96,713
1977											
Red: U.S. Measure	3,091	28,247	3,059	8,580	30,584	13,284	70,816	138,339	43,912	797	340,709
Metric	5	5,371	—	—	28	—	27,596	321	38,471	—	71,793
Green: U.S. Measure	13	414	—	17	524	—	985	708	190	1	2,851
Metric	—	95	—	—	[b]	—	232	17	155	—	499
Subtotal U.S.	3,104	28,661	3,059	8,597	31,108	13,284	71,801	139,047	44,102	798	343,560
Subtotal Metric	5	5,466	—	—	28	—	27,829	338	38,626	—	72,292
Total	3,108	34,127	3,059	8,597	31,136	13,284	99,630	139,385	82,728	798	415,853
1978											
Red: U.S. Measure	2,905	7,250	2,984	9,521	34,175	15,997	20,053	140,715	3,077	463	237,139
Metric	168	25,390	—	—	259	—	77,890	876	82,197	—	186,780
Green: U.S. Measure	11	68	—	16	572	—	210	785	6	2	1,670
Metric	—	395	—	—	[b]	—	1,038	—	410	—	1,844
Subtotal U.S.	2,915	7,318	2,984	9,537	34,747	15,997	20,263	141,501	3,084	464	238,809
Subtotal Metric	168	25,785	—	—	259	—	78,928	876	82,607	—	188,623
Total	3,083	33,103	2,984	9,537	35,006	15,997	99,191	142,377	85,691	464	427,432
1979											
Red: U.S. Measure	3,699	1,977	2,697	10,427	31,823	15,437	9,285	142,778	1,125	482	219,727
Metric	359	31,436	—	—	1,819	—	85,509	3,329	87,562	—	210,016
Green: U.S. Measure	9	13	—	28	506	—	9	670	—	[b]	1,235
Metric	[b]	362	—	—	16	—	1,059	—	398	—	1,836
Subtotal U.S.	3,708	1,989	2,697	10,455	32,329	15,437	9,295	143,445	1,125	482	220,962
Subtotal Metric	359	31,801	—	—	1,835	—	86,568	3,329	87,960	—	211,852
Total	4,067	33,790	2,697	10,455	34,164	15,437	95,862	146,774	89,085	482	432,814
1980											
Red: U.S. Measure	416	441	992	3,020	9,742	4,633	812	51,074	38	227	71,394
Metric	1,682	28,647[c]	—	—	31,082	—	103,233	93,659	97,859	—	356,163
Green: U.S. Measure	[b]	2	—	2	92	—	—	266	—	[b]	361
Metric	8	369	—	—	472	—	1,290	556	750	—	3,446
Subtotal U.S.	416	443	992	3,021	9,833	4,633	812	51,340	38	227	71,756
Subtotal Metric	1,691	29,016	—	—	31,554	—	104,524	94,215	98,609	—	359,609
Total	2,107	29,460	992	3,021	41,388	4,633	105,335	145,555	98,647	227	431,364
1981[d]											
Red: Metric	2,181	28,678	—	—	44,303	—	109,343	136,648	110,283	—	431,436
Green: Metric	5	345	—	—	401	—	879	1,486	897	—	4,013
Alternative Devices	90	1,008	—	—	32	—	—	—	—	—	1,130
Total	2,276	30,032	—	—	44,736	—	110,223	138,133	111,181	—	436,580
1982[d]											
Red	1,870[e]	26,395	—	—	39,682	—	99,432	130,254	111,396	—	409,034
Green	7	257	—	—	304	—	701	446	359	—	2,075
Alternative Devices	663	796	—	—	471	—	8	[b]	—	—	1,938
Total	2,545	27,447	—	—	40,458	—	100,142	130,700	111,755	—	413,047
1983[d]											
Red	1,791[f]	26,280	—	—	36,216[g]	—	93,454	127,583	113,013	—	398,338
Green	2	235	—	—	249	—	555	329	284	—	1,653
Alternative Devices	786	1,516	—	—	2,118	—	2,330	1,880	2,457	—	11,088
Total	2,579	28,030	—	—	38,583	—	96,340	129,793	115,754	—	411,079
1984[d,h]											
Red	1,141	22,073	—	—	29,993	—	74,147	103,899	97,415	—	328,668
Green	5	236	—	—	253	—	514	363	298	—	1,668
Alternative Devices	1,247	1,634	—	—	1,970	—	6,357	3,976	9,296	—	24,480
Total	2,392[i]	23,943	—	—	32,216[j]	—	81,018	108,238	107,009	—	354,816[k]

NOTES: Because of rounding, detail may not add to total. Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottler. Green strip stamps are used by domestic bottlers for bottled-in-bond products. Reported by fiscal year ending June 30 (1974-1976) and Sept. 30 (1977-1984). Strip stamp reports ceased July 1, 1985.

[a]Three months ending September 1976 for transition to new fiscal year.

[b]Less than 500.

[c]Gallonage for 1980 includes 768,000 wine gallons in containers with alternative devices in lieu of strip stamps.

[d]Beginning 1981, all bottling in metric containers.

[e]Includes 22,000 gallons bottled in 100-ml. bottles.

[f]Includes 34,000 gallons bottled in 100-ml bottles.

[g]Includes 2,000 gallons bottled in 375-ml bottles.

[h]Gallonage represented by strip stamps used by U.S. importers not available.

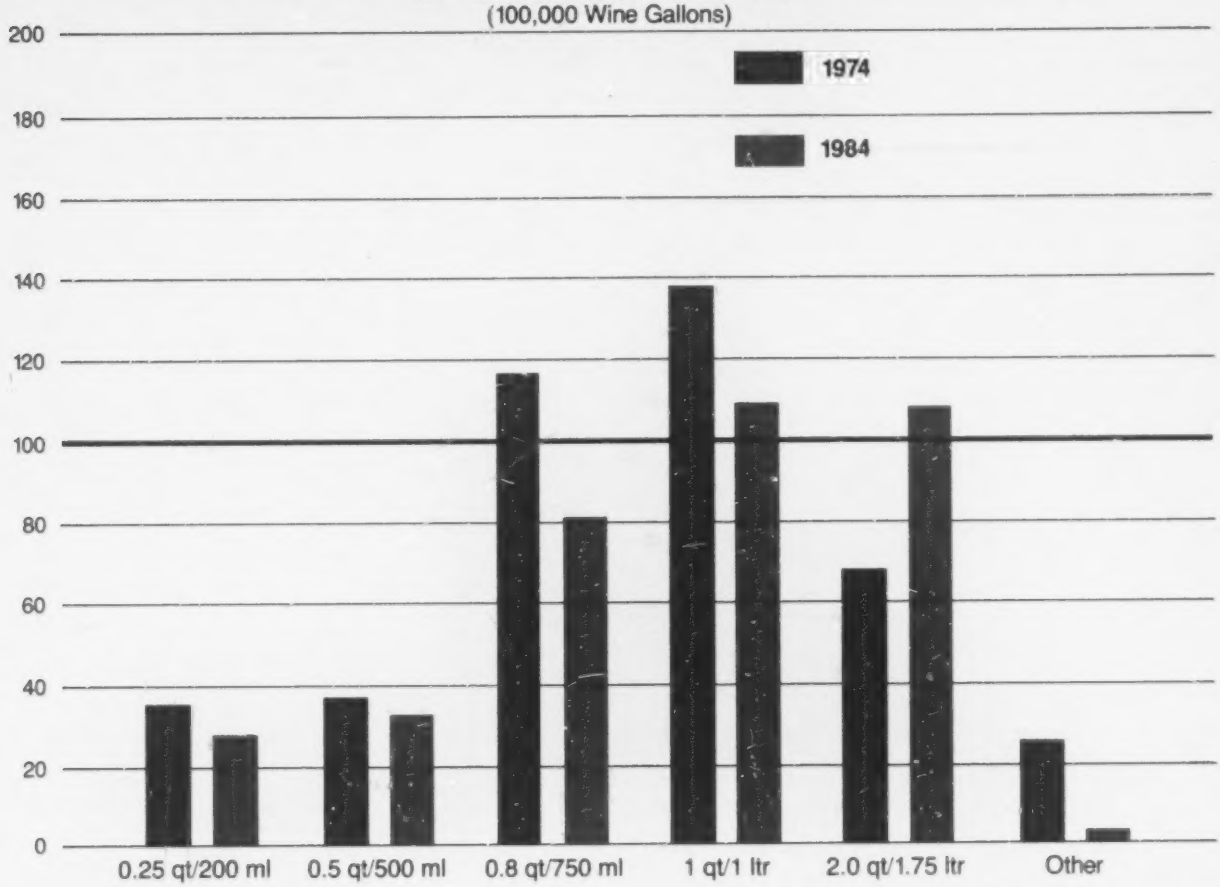
[i]Includes 295,539 gallons bottled in 100-ml bottles.

[j]Includes 4,812,407 gallons bottled in 375-ml bottles.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 10. Distilled Spirits Volume Represented by Strip Stamps and Bottle Sizes, 1974 and 1984

(100,000 Wine Gallons)



FOREIGN TRADE

Exports—The United States exported 7.5 million proof gallons of distilled spirits in 1984, reduced 13.2 percent from 1983. Exports were 2.1 percent of total shipments entering U.S. trade channels in 1984.

Non-whiskey exports fell 45.3 percent in contrast to a 13.1 percent increase for whiskey (Table 25). A sharp drop of other distilled spirit exports to Japan was the chief cause of this decline.

U.S. exports of spirits by country of destination in 1984 are shown in Table 26.

Whiskey continued as the largest single export category at 5.4 million gallons in 1984. Chief markets were the Federal Republic of Germany, Japan, Australia and Canada. Canada took more than half the exports of "other whiskey."

U.S. vodka exports,[1] the largest non-whiskey export, decreased 8.4 percent to 748,000 proof gallons in 1984. Chief markets were Sweden, Norway, Japan, and Iceland. Cordials declined 14.8 percent to 257,000 gallons, exports going mostly to South Africa, Sweden, and the Netherlands.

Shipments to Puerto Rico

Shipments of spirits from the United States to Puerto Rico and the U.S. Virgin Islands increased 138.8 percent between 1983 and 1984. Most of the 10.3 million proof gallons shipped went to Puerto Rico with bulk whiskey shipments there increasing eightfold to 8.6 million gallons from 1.1 million gallons as a result of a surge in shipments of "light whiskey designate" for redistillation and re-shipment to the United States as discussed in the section on Distillation (Table 27). This trade stopped at the end of 1984.

Imports—Shipments of foreign spirits into the United States are for immediate consumption after duty has been paid on entry, or for storage in Customs bonded warehouses to be withdrawn for later consumption after payment of duty.

The import statistics in this section of the *Review* cover imports for immediate consumption and imports withdrawn from Customs bonded warehouses. Imports entering Customs bonded warehouses are not included.

Because of the shift of storage location during 1984 for Caribbean basin rum, from U.S. Customs bonded warehouses to storage under bond of the Bureau of Alcohol, Tobacco, and Firearms (BATF), U.S. imports of spirits appeared to increase 1.3 percent in 1984 compared with 1983. This only reflected a shift of storage not an increase. If such rum is excluded, imports *declined* 2.6 percent (see rum imports below).

Imports provided 32.6 percent of the total U.S. supply of spirits in 1984 or 117.9 million proof gallons. A decade ago, 28.3 percent of the U.S. supply was imported and two decades ago, 17.7 percent.

Whiskey made up 66.2 percent of total imports in 1984 followed by cordials, tequila, brandy, and rum (Table 29).

Major changes of imports in 1984 included a 6.9 percent decrease of whiskey compared with 1983, with Canada reduced 5.0 percent and the United Kingdom, 9.1 percent.

Cordials rose 18.3 percent with imports from Mexico especially larger. Tequila declined 2.6 percent.

Vodka

Vodka imports rose 50.7 percent. Import sources changed considerably with shipments from the U.S.S.R. falling 20.2 percent, but other sources increased 149.4 percent, chiefly Canada, which rose very sharply and became a new major source of imports. Sweden and Finland also increased. The U.S.S.R. still provided one-third of vodka imports in 1984 although it had accounted for more than half the supply in other recent years.

Rum

Imports of rum in 1984 totaled 5.8 million gallons, an apparent large increase over 1983. However, this was caused by a statistical aberration. Beginning in 1984, rum entering the United States from Caribbean nations could enter duty free under the Caribbean Basin Initiative, compared with the tariffs imposed before then. As a result, sizable supplies were shifted from Customs bonded warehouses where there was no advantage to be gained by deferring payment of duty as was the situation before 1984. Supplies were shifted to distilled spirits plants under BATF bond. Under the method of compiling statistics on imports, supplies that move out of Customs bonded warehouses are included as imports for consumption. However, most of the increase shown for rum imports in 1984 represented only a shift of storage location. Supplies held under BATF bond are not necessarily consumed in the year moved out of Customs bonded warehouses and may be held for some time, which has been the case for much of the apparent increase for rum.

Bottled and Bulk Imports

Bulk imported whiskey for bottling in the United States has increased relative to imports of bottled whiskey in recent years. By 1984, bulk imports rose to 51.7 percent of whiskey imports from 32.7 percent in 1970. Almost all tequila and rum are also imported in bulk and bottled in the United States. However, most imports of gin, vodka, and brandy are already bottled when entering the United States (Table 31).

Shipments From Puerto Rico and U.S. Virgin Islands

Shipments of rum to the United States from Puerto Rico and the U.S. Virgin Islands decreased 16.6 percent or 4.7 million proof gallons in 1984 chiefly because of a labor dispute in Puerto Rico (Table 32). Puerto Rico continues as the chief supply source for rum consumed in the United States.

[1]Beginning in 1983, the U.S. Census Bureau began to report exports of vodka and cordials. Until 1983 these spirits were included with "other distilled spirits."

Table 25. United States Commercial Exports of Distilled Spirits, 1975-1984

(000 Proof Gallons)

Calendar Year	Whiskey	Percentage Change From Previous Year	Rum	Brandy	Gin[a]	Vodka[b]	Cordials[b]	Other Distilled Spirits	Non-Whiskey Total	Percentage Change From Previous Year	All Distilled Spirits Total	Percentage Change From Previous Year
1975	5,356	-2.4	193	34	—	—	—	2,717	2,945	-9.3	8,301	-5.0
1976	4,737	-11.6	227	57	—	—	—	3,442	3,726	26.5	8,463	2.0
1977	4,770	0.7	239	22	—	—	—	3,176	3,437	-7.7	8,207	-3.0
1978	4,829	1.2	303	63	54	—	—	3,416	3,835	11.6	8,664	5.6
1979	4,598	-4.8	341	56	55	—	—	3,199	3,650	-4.8	8,248	-4.8
1980	4,253	-7.5	291	47	172	—	—	3,800	4,309	18.1	8,563	3.8
1981	4,751	11.7	386	100	89	—	—	3,710	4,285	-0.6	9,037	5.5
1982	4,907	3.3	379	99	40	—	—	4,643	5,162	20.5	10,069	11.4
1983	4,754	-3.1	439	39	46	817	301	2,247[c]	3,890	-24.6	8,644	-14.2
1984	5,376	13.1	363	53	86	748	257	620[c]	2,127	-45.3	7,503	-13.2

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.
[a]Before 1978, gin included in other distilled spirits.
[b]Before 1983, vodka and cordials included in other distilled spirits.
[c]Other distilled spirits for 1983 and 1984 not comparable with earlier years because vodka and cordials now reported separately.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 26. United States Commercial* Exports of Distilled Spirits by Destination, 1983 and 1984

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1984	1983	1984	1983	1984	1983
Argentina	22	*	*	—	22	*
Australia	583	491	13	16	596	506
Austria	54	60	—	*	54	142
Bahamas	8	9	80	133	88	142
Bahrain	1	1	1	*	2	1
Bangladesh	*	—	*	*	*	*
Barbados	1	2	4	6	5	8
Belgium	93	112	56	47	150	159
Belize	4	1	7	*	10	1
Bermuda	4	2	35	55	39	57
Bolivia	1	—	3	2	3	2
Brazil	2	3	3	*	5	3
Br. Pacific Islands	*	*	—	*	*	*
Br. Virgin Islands	7	5	50	126	57	131
Burma	0	*	*	—	*	*
Canada	1,323	1,251	182	79	1,505	1,331
Canary Islands	—	3	—	4	—	7
Cayman Islands	9	8	9	3	18	10
Chile	*	1	5	15	5	16
China (People's Republic)	—	*	—	—	—	*
China (Taiwan)	12	9	6	8	19	16
Colombia	27	40	26	28	53	68
Costa Rica	1	*	*	5	1	5
Cyprus	—	*	1	2	1	3
Czechoslovakia	4	*	—	—	4	*
Denmark	10	15	8	24	18	39
Djibouti	—	*	—	—	—	*
Dominican Republic	5	1	5	15	10	16
Ecuador	*	11	2	2	3	12
Egypt	4	1	*	1	5	2
El Salvador	3	1	7	7	10	8
Federal Rep. of Germany	1,056	1,110	92	82	1,149	1,192
Finland	6	6	17	28	23	34
France	202	222	19	14	221	236
French Guiana	—	—	—	*	—	*
Fr. Indian Ocean Area	—	2	—	—	—	2
French West Indies	1	*	1	1	1	1
Ghana	—	—	—	1	—	1
Gibraltar	*	—	—	*	*	*
Greece	6	5	7	23	13	28
Guatemala	*	5	1	1	2	6
Guyana	*	*	1	*	1	1
Haiti	13	2	2	12	15	14
Honduras	6	4	1	5	6	9
Hong Kong	12	9	11	14	23	23
Hungary	*	—	—	—	*	—
Iceland	6	9	48	58	54	67
India	*	*	1	1	1	1
Indonesia	—	4	6	10	6	14
Ireland	3	2	*	*	4	2
Israel	4	3	20	65	25	68
Italy	260	169	5	26	265	195
Ivory Coast	*	1	—	—	*	1
Jamaica	8	4	4	9	12	13
Japan	1,012	695	305	1,805	1,317	2,500
Jordan	1	1	*	—	1	1
Kenya	*	1	—	—	*	1

Table 26, Cont'd. United States Commercial[a] Exports of Distilled Spirits by Destination, 1983 and 1984

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1984	1983	1984	1983	1984	1983
Korea, Republic of	5	8	5	5	11	12
Lebanon	2	1	1	4	3	5
Liberia	—	—	—	*	—	*
Madeira Islands	—	—	—	—	—	—
Malaysia	2	2	1	2	3	4
Malta	1	*	1	1	2	1
Mexico	6	5	5	11	12	17
Nepal	*	—	—	—	*	—
Netherlands	16	34	167	192	183	226
Netherland Antilles	27	14	165	227	192	240
New Caledonia	1	2	*	*	1	2
New Zealand	170	118	10	23	180	141
Nicaragua	*	—	*	1	*	1
Nigeria	—	—	—	*	—	*
Norway	6	11	214	201	220	212
Oman	*	*	*	*	*	*
Other Pacific Islands	—	*	*	1	*	1
Pakistan	*	—	—	—	*	—
Panama	38	28	54	17	92	45
Papua New Guinea	1	1	—	—	1	1
Paraguay	2	3	1	*	3	3
Peru	13	8	2	15	15	23
Philippines	6	6	—	2	6	7
Poland	1	4	—	—	1	4
Portugal	3	5	*	4	3	9
Qatar	—	—	—	*	—	*
Romania	*	—	—	1	*	1
Saudi Arabia	—	—	—	—	—	—
Senegal	*	—	—	—	*	—
Singapore	14	16	10	12	23	28
Somalia	—	*	—	—	—	*
South Africa, Republic of	7	17	46	54	54	70
Spain	26	12	11	20	38	33
Sri Lanka	*	*	1	2	1	2
Sudan	—	*	—	—	—	*
Surinam	—	—	—	8	—	8
Sweden	24	30	278	266	301	296
Switzerland	21	18	4	2	25	20
Thailand	10	8	24	16	33	24
Togo	—	—	—	—	—	—
Trinidad and Tobago	1	*	6	1	7	2
Trust Terr. of Pacific Islands	2	2	23	18	26	20
Tunisia	—	*	—	—	—	*
Turkey	*	—	*	2	1	2
Turks Island	*	1	1	3	1	4
United Arab Emirates	2	3	*	2	2	5
United Kingdom	159	105	27	38	187	144
Upper Volta	*	—	—	—	*	—
Uruguay	*	*	—	—	*	*
Venezuela	29	10	22	4	50	14
Western Africa	*	1	—	—	*	1
Western Samoa	—	*	—	1	—	1
Yugoslavia	—	—	—	—	—	—
TOTAL	**5,376**	**4,754**	**2,127**	**3,890**	**7,503**	**8,644**

NOTE: Because of rounding, detail may not add to total.

*Less than 500 gallons.

[a]Not including shipments specifically consigned to the U.S. military and naval forces abroad, shipments to officials of the U.S., including diplomatic representatives, for their official and personal use, ships' stores for consumption on vessels and shipments passing through the U.S. in transit from one country to another. Includes shipments to foreign diplomatic establishments outside the United States.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 27. United States Shipments of Distilled Spirits to Puerto Rico and U.S. Virgin Islands, 1983 and 1984

(000 Proof Gallons)

Class and Type of Container	Puerto Rico				U.S. Virgin Islands				Total		
	Calendar Year			Percentage	Calendar Year			Percentage	Calendar Year		Percentage
	1984	1983	Change	Change	1984	1983	Change	Change	1984	1983	Change
Whiskey											
Bottled	588	263	325	123.6	25	29	−4	−13.8	613	291	110.7
Bulk	8,567	1,076	7,491	696.2	–	*	*	–	8,567	1,076	696.2
Total Whiskey	**9,155**	**1,339**	**7,816**	**583.7**	**25**	**29**	**−4**	**−13.8**	**9,180**	**1,368**	**571.1**
Rum											
Bottled	83	105	−22	−21.0	62	64	−2	−3.1	145	169	−14.2
Bulk	14	57	−43	−75.4	5	20	−15	−75.0	18	77	−76.6
Total Rum	**97**	**162**	**−65**	**−40.1**	**66**	**84**	**−18**	**−21.4**	**163**	**246**	**−33.7**
Gin	272	356	−84	−23.6	29	56	−27	−48.2	301	412	−26.9
Brandy	*	*	*	383.1	–	4	−4	–	*	4	–
Other Distilled Spirits	495[a]	2,056	−1,560	−75.9	118[b]	210	−92	−43.8	613	2,266	−72.9
Total Shipments	**10,019**	**3,913**	**6,106**	**156.0**	**238**	**383**	**−145**	**−37.9**	**10,257**	**4,296**	**138.8**

NOTE: Because of rounding, detail may not add to total.
*Less than 500 gallons.
[a]Includes 165,000 gallons of vodka and 85,000 gallons of cordials.
[b]Includes 43,000 gallons of vodka and 5,000 gallons of cordials.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 28. Shipments of Distilled Spirits from the United States to Puerto Rico and U.S. Virgin Islands by Class, 1974-1984

(000 Proof Gallons)

Calendar Year	Destination	Whiskey	Rum	Gin	Brandy	Other Distilled Spirits	Total
1974	Puerto Rico	77	63		2	130	272
	Virgin Islands	42	160		1	138	341
	Total	**118**	**223**	**NA**	**3**	**268**	**613**
1975	Puerto Rico	36	18		3	139	195
	Virgin Islands	50	70		2	158	280
	Total	**86**	**88**	**NA**	**4**	**297**	**475**
1976	Puerto Rico	32	14		2	457	505
	Virgin Islands	74	146		7	122	349
	Total	**106**	**160**	**NA**	**9**	**578**	**854**
1977	Puerto Rico	10	2		1	364	378
	Virgin Islands	141	159		4	123	427
	Total	**151**	**162**	**NA**	**5**	**487**	**805**
1978	Puerto Rico	31	10	333	*	228	603
	Virgin Islands	95	178	83	12	221	589
	Total	**125**	**188**	**416**	**12**	**450**	**1,192**
1979	Puerto Rico	19	47	513	*	60	641
	Virgin Islands	60	88	81	12	270	512
	Total	**79**	**135**	**595**	**12**	**331**	**1,153**
1980	Puerto Rico	89	42	369	*	109	610
	Virgin Islands	46	70	53	19	233	420
	Total	**135**	**112**	**422**	**19**	**342**	**1,030**
1981	Puerto Rico	117	177	671	*	146	1,111
	Virgin Islands	49	113	64	2	268	497
	Total	**166**	**290**	**736**	**3**	**414**	**1,608**
1982	Puerto Rico	78	1,568	47	*	625	2,318
	Virgin Islands	35	74	55	1	263	429
	Total	**114**	**1,642**	**102**	**1**	**888**	**2,747**
1983	Puerto Rico	1,339	162	356	*	2,056[a]	3,913
	Virgin Islands	29	84	56	4	210[b]	383
	Total	**1,368**	**246**	**412**	**4**	**2,266**	**4,296**
1984	Puerto Rico	9,155	97	272	*	495[a]	10,019
	Virgin Islands	25	66	29	–	118[b]	238
	Total	**9,180**	**163**	**301**	*	**613**	**10,257**

NOTE: Because of rounding, detail may not add to total.
NA: Not available.
*Less than 500 gallons.
[a]Includes 165,000 gallons of vodka and 85,000 gallons of cordials.
[b]Includes 43,000 gallons of vodka and 5,000 gallons of cordials.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 29. United States Dutiable Imports of Distilled Spirits for Consumption by Class, 1934–1984

(000 Tax or Proof Gallons[a])

Calendar Year	Whiskey			Gin	Rum	Brandy	Cordials	Vodka[c]	Tequila[d]	Other	Bitters[e]	Total
	Bottled	Bulk[b]	Total									
1934	—	—	5,625	153	316	556	—	—	—	584	—	7,234
1935	—	—	5,847	60	482	445	—	—	—	227	—	7,063
1940	—	—	9,715	56	407	773	261	—	—	26	—	11,238
1945	—	—	8,600	335	979	1,433	151	—	—	6,370	—	17,868
1950	14,966	365	15,330	108	232	791	319	—	—	96	—	16,877
1955	21,465	355	21,820	291	197	1,214	445	—	—	116	—	24,082
1960	31,302	1,645	32,947	1,149	245	1,828	812	—	—	221	—	37,203
1961	32,095	2,359	34,454	1,365	212	1,903	903	—	—	264	—	39,101
1962	34,685	3,485	38,170	1,611	214	1,992	998	—	—	302	—	43,287
1963	35,557	4,618	40,175	1,752	220	2,269	1,128	—	—	285	—	45,828
1964	36,947	7,463	44,411	2,167	491	1,925	1,326	—	—	370	—	50,689
1965	40,885	9,449	50,334	2,498	248	2,004	1,515	—	—	495	—	57,095
1966	40,906	12,017	52,923	2,808	273	2,152	1,662	—	—	632	—	60,450
1967	44,389	15,316	59,705	3,036	281	2,286	2,160	—	—	800	—	68,267
1968	48,370	18,132	66,502	3,193	284	2,310	2,315	—	—	938	—	75,544
1969	51,730	22,357	74,086	3,522	320	2,459	2,725	—	—	1,108	—	84,219
1970	53,757	26,176	79,933	3,869	367	2,674	2,917	—	—	1,143	—	90,903
1971	60,541	28,747	89,287	4,251	375	3,311	3,470	—	—	1,445	—	102,139
1972	55,918	31,768	87,686	4,201	399	2,694	3,145	—	—	2,030	—	100,156
1973	57,960	34,345	92,304	4,627	379	2,997	3,723	—	—	3,249	—	107,280
1974	58,097	35,821	93,917	4,965	426	2,786	4,056	—	4,308	507	—	110,966
1975	51,777	43,201	94,978	4,821	682	2,830	4,433	—	5,180	537	—	113,461
1976	52,448	39,621	92,069	5,073	588	3,894	4,905	—	5,556	629	—	112,713
1977	51,228	39,994	91,223	5,324	657	3,306	5,610	—	5,860	1,077	—	113,056
1978	54,767	47,118	101,886	6,212	874	4,381	7,370	—	6,361	1,520	—	128,602
1979	44,240	44,141	88,381	5,992	714	4,165	6,423	—	6,343	1,258	291	113,567
1980	41,496	44,505	86,000	5,754	1,090	4,885	7,303	1,463	6,890	184	182	113,751
1981	41,774	44,760	86,534	5,463	969	5,596	8,277	1,966	7,078	214	154	116,251
1982	38,027	38,570	76,597	5,246	774	5,996	8,923	1,745	6,657	201	127	106,265
1983	37,434	46,411	83,845	5,781	1,265	6,098	8,729	2,179	8,069	219	166	116,351
1984	37,678	40,362	78,039	5,812	5,838[f]	6,365	10,323	3,283	7,856	207	144	117,868

NOTE: Because of rounding, detail may not add to total.

[a]Data for the years 1934 through 1978 are in tax gallons; data for 1979 through 1983 are in proof gallons.

[b]Indicates shipments in wood or metal containers each holding more than one gallon.

[c]Before 1980 vodka included in "Other."

[d]Before 1974 tequila included in "Other."

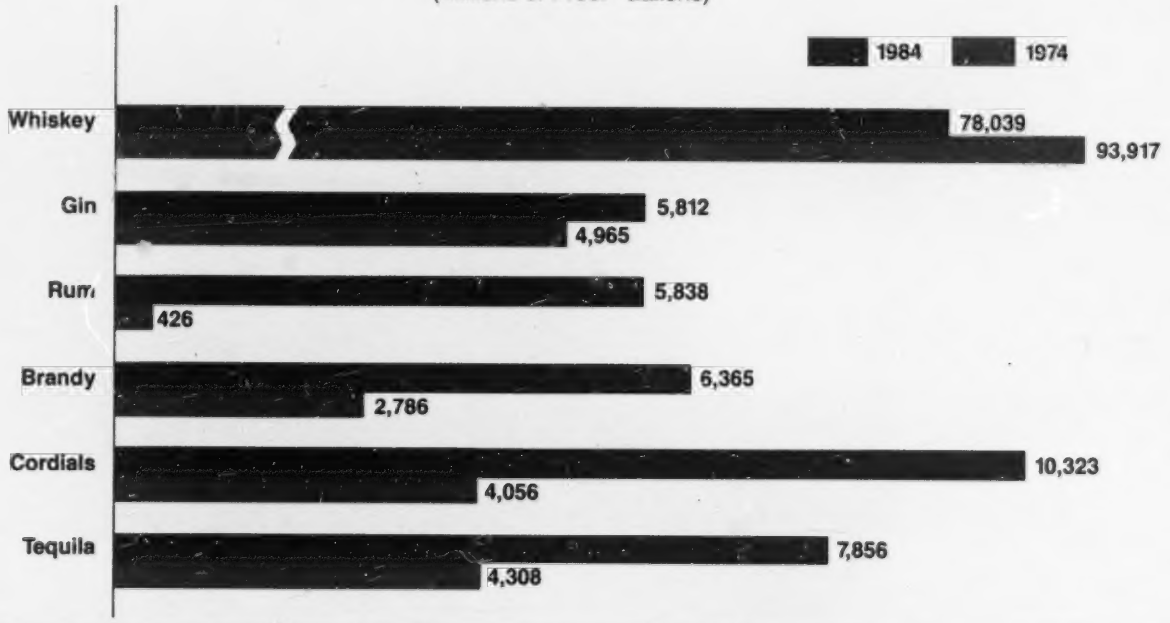
[e]Before 1979 bitters included in "Other."

[f]Substantial quantities of imported bulk rum were shifted from Customs bonded warehouses to BATF bonded warehouses in 1984 (about 5 million gallons from Jamaica). As a result, these supplies have been described as imports for immediate consumption, although bottling and consumption may not take place for a year or more. The shift occurred because, with passage of the Caribbean Economic Recovery Act in 1984, rum from Caribbean nations now enters the U. S. duty free, making storage in Customs bonded warehouses unnecessary to defer payment of import duties.

Source: Bureau of the Census, U.S. Department of Commerce.

Figure 11. United States imports of Distilled Spirits, 1974 and 1984

(Millions of Proof* Gallons)



*1974 amounts, given in tax or wine gallons in Table 29 have been converted to proof gallons for this chart.

Table 30. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1983 and 1984

(000 Proof Gallons)

Country of Origin	1984 In Containers of One Gallon or Less	1984 In Containers of Over One Gallon	1984 Total	1983 In Containers of One Gallon or Less	1983 In Containers of Over One Gallon	1983 Total
			WHISKEY			
Belgium	1	—	1	—	—	—
Canada	17,187	25,334	42,522	15,703	29,057	44,759
Hong Kong	1	—	1	—	—	—
Ireland	113	348	461	83	438	521
Japan	13	—	13	7	—	7
New Zealand	—	—	—	*	—	*
United Kingdom	20,362	14,679	35,042	21,642	16,916	38,558
Total Whiskey	**37,678**	**40,362**	**78,039**	**37,434**	**46,411**	**83,845**
			GIN			
Belgium	—	—	—	2	—	2
Canada	20	—	20	16	—	16
Federal Rep. Germany	11	—	11	10	—	10
France	25	—	25	3	—	3
Gibraltar	—	—	—	1	—	1
Guyana	2	—	2	—	—	—
Haiti	—	—	—	*	—	*
India	*	—	*	*	—	*
Ireland	3	—	3	1	—	1
Israel	*	—	*	*	—	*
Italy	1	—	1	1	—	1
Mexico	*	—	*	1	—	1
Netherlands	19	—	19	18	—	18
Portugal	*	—	*	—	—	—
South Africa	—	—	—	*	—	*
Spain	*	—	*	*	—	*
Sweden	*	—	*	*	2	2
U.S.S.R.	*	—	*	2	—	2
United Arab Emirates	3	—	3	—	—	—
United Kingdom	5,545	182	5,727	5,605	119	5,724
Total Gin	**5,630**	**182**	**5,812**	**5,660**	**121**	**5,781**
			RUM			
Argentina	2	—	2	—	—	—
Austria	3	—	3	5	—	5
Bahamas	9	—	9	20	4	23
Barbados	12	175	187	7	181	188
Bermuda	5	—	5	2	—	2
Br. Virgin Islands	16	1	17	16	—	16
Brazil	1	—	1	3	—	3
Cameroon	—	—	—	*	—	*
Canada	2	8	10	6	—	6
Colombia	3	—	3	4	—	4
Dominican Rep.	20	41	60	7	60	67
F. Rep. Germany	1	—	1	2	—	2
France	2	1	3	—	—	—
French W. Indies	*	*	1	3	6	9
Guatemala	3	—	3	—	—	—
Guyana	22	2	25	17	2	19
Haiti	18	5	24	21	—	21
India	1	3	4	—	—	—
Jamaica	72	5,374	5,446	74	811	886
Malta	*	—	*	—	—	—
Mexico	*	—	*	1	—	1
Neth. Antilles	*	—	*	*	*	1
Nicaragua	1	—	1	—	—	—
Panama	1	—	1	—	—	—
Philippines	6	—	6	4	—	4
Poland	—	—	—	*	—	*
Trinidad and Tobago	5	—	5	4	—	4
United Kingdom	7	9	16	—	—	—
Venezuela	7	*	8	4	—	4
Yugoslavia	*	—	*	—	—	—
Total Rum	**219**	**5,619**	**5,838**	**201**	**1,064**	**1,265**

Table 30, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1983 and 1984

(000 Proof Gallons)

Country of Origin	1984			1983		
	In Containers of			In Containers of		
	One Gallon or Less	Over One Gallon	Total	One Gallon or Less	Over One Gallon	Total
			BRANDY			
Argentina	*	36	36	—	2	2
Austria	1	—	1	1	—	1
Belgium	1	—	1	7	1	8
Canada	*	2	2	*	—	*
Chile	*	—	*	3	—	3
China (PRC)	2	—	2	—	—	—
China (Taiwan)	2	—	2	—	—	—
Colombia	*	—	*	—	—	—
Cyprus	*	—	*	1	—	1
Czechoslovakia	3	—	3	2	—	2
Denmark	*	—	*	—	—	—
Federal Rep. Germany	47	—	47	36	—	36
Finland	2	—	2	—	—	—
France	4,515	881	5,396	4,207	896	5,103
Germ. Dem. Rep.	—	—	—	*	—	*
Greece	2	—	2	2	—	2
Hungary	1	1	2	3	—	3
Ireland	*	—	*	*	—	*
Israel	8	—	8	8	—	8
Italy	17	58	75	26	65	91
Mexico	317	—	317	348	14	362
Netherlands	5	—	5	4	—	4
Panama	*	—	*	—	—	—
Peru	1	—	1	3	6	9
Poland	*	—	*	1	—	1
Portugal	44	*	44	33	6	39
South Africa	3	—	3	2	—	2
Spain	310	8	317	320	9	329
Sweden	2	—	2	*	—	*
Switzerland	2	—	2	2	—	2
U.S.S.R.	6	*	7	5	—	5
United Kingdom	43	—	43	35	18	53
Yugoslavia	36	6	42	30	2	32
Total Brandy	**5,373**	**992**	**6,365**	**5,079**	**1,019**	**6,098**
			CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA			
Australia	1	—	1	4	—	4
Austria	7	—	7	10	*	10
Azores	—	—	—	2	—	2
Bahamas	27	—	27	11	*	11
Barbados	*	—	*	—	—	—
Belgium	11	—	11	23	—	23
Bermuda	*	—	*	*	—	*
Br. Virgin Islands	*	—	*	—	—	—
Brazil	19	—	19	—	—	—
Canada	296	445	741	171	558	729
China (PRC)	6	—	6	9	—	9
China (Taiwan)	*	—	*	1	—	1
Colombia	86	—	86	47	—	47
Costa Rica	*	—	*	2	—	2
Cyprus	*	—	*	1	—	1
Czechoslovakia	*	—	*	*	—	*
Denmark	21	—	21	30	—	30
Dominican Rep.	1	—	1	*	—	*
F. Rep. Germany	260	1	261	210	1	211
Finland	12	—	12	12	—	12
France	1,350	51	1,401	1,310	36	1,346
French W. Indies	*	—	*	—	—	—
Germ. Dem. Rep.	*	—	*	—	—	—
Gibraltar	*	—	*	2	—	2
Greece	166	—	166	149	—	149
Haiti	—	—	—	*	—	*

Table 30. Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1983 and 1984

(000 Proof Gallons)

Country of Origin	1984			1983		
	In Containers of			In Containers of		
	One Gallon or Less	Over One Gallon	Total	One Gallon or Less	Over One Gallon	Total
	CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA (Cont'd.)					
Hong Kong	5	—	5	5	—	5
Hungary	2	—	2	4	—	4
India	—	—	—	2	—	2
Ireland	965	4	969	963	2	965
Israel	5	5	10	2	5	7
Italy	1,126	946	2,072	963	859	1,822
Jamaica	32	143	175	24	183	206
Japan	137	2	139	114	*	115
Kenya	*	—	*	—	—	—
Macao	—	—	—	*	—	*
Mexico	32	3,158	3,190	41	2,103	2,144
Neth. Antilles	8	—	8	9	—	9
Netherlands	24	192	216	15	13	28
New Zealand	*	—	*	*	—	*
Norway	*	—	*	*	—	*
Poland	7	—	7	8	—	8
Portugal	14	—	14	6	—	6
Romania	*	—	*	—	—	—
South Africa	*	—	*	2	—	2
Spain	90	—	90	103	—	103
Sweden	1	—	1	1	—	1
Switzerland	8	—	8	7	3	10
Trinidad and Tobago	—	—	—	*	—	*
Turkey	4	—	4	2	—	2
U.S.S.R.	*	—	*	*	—	*
United Kingdom	646	3	648	692	3	695
Venezuela	*	—	*	*	—	*
Yugoslavia	4	—	4	5	—	5
Total Cordials, etc.	**5,373**	**4,950**	**10,323**	**4,964**	**3,765**	**8,729**
	VODKA					
Argentina	—	—	—	*	—	*
Australia	—	—	—	*	—	*
Austria	3	—	3	2	—	2
Belgium	1	—	1	1	—	1
Canada	814	*	814	37	—	37
China (PRC)	*	—	*	1	—	1
Czechoslovakia	2	—	2	2	—	2
Denmark	3	—	3	—	—	—
El Salvador	*	—	*	3	—	3
Federal Rep. Germany	9	—	9	15	—	15
Finland	374	*	375	301	—	301
France	5	—	5	1	—	1
Ireland	—	—	—	*	—	*
Israel	1	—	1	1	—	1
Italy	1	—	1	*	—	*
Jamaica	—	—	—	1	—	1
Japan	48	—	48	11	—	11
Macao	*	—	*	—	—	—
Mexico	7	—	7	*	—	*
Netherlands	12	—	12	3	—	3
Norway	2	—	2	—	—	—
Philippines	2	—	2	—	—	—
Poland	57	—	57	29	—	29
South Africa	—	—	—	*	—	*
Spain	*	—	*	—	—	—
Sweden	891	—	891	466	2	468
Switzerland	*	—	*	*	—	*
U.S.S.R.	1,009	2	1,012	1,264	4	1,268
United Kingdom	39	1	40	32	3	35
Yugoslavia	—	—	—	*	—	*
Total Vodka	**3,280**	**4**	**3,283**	**2,171**	**8**	**2,179**

Table 30, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1983 and 1984

(000 Proof Gallons)

Country of Origin	1984 In Containers of One Gallon or Less	1984 In Containers of Over One Gallon	1984 Total	1983 In Containers of One Gallon or Less	1983 In Containers of Over One Gallon	1983 Total
			TEQUILA			
Mexico	25	7,831	7,856	43	8,026	8,069
			BITTERS			
Austria	*	—	*	*	—	*
Bahamas	—	*	*	—	—	—
Canada	*	—	*	—	—	—
Czechoslovakia	—	—	—	*	—	*
Denmark	1	—	1	*	—	*
F. Rep. Germany	3	—	3	1	—	1
Finland	—	—	—	*	—	*
France	—	*	*	—	—	—
Haiti	—	1	1	—	2	2
Italy	2	91	93	3	118	121
Jamaica	*	—	*	—	—	—
Switzerland	1	—	1	*	—	*
Trin. & Tobago	—	44	44	2	38	40
United Kingdom	—	—	—	—	*	*
Yugoslavia	*	—	*	*	—	*
Total Bitters	**7**	**137**	**144**	**8**	**158**	**166**
			OTHER DISTILLED SPIRITS, N.E.S.*			
Argentina	*	—	*	—	—	—
Brazil	—	—	—	2	—	2
Canada	*	—	*	*	—	*
China (PRC)	3	—	3	7	—	7
China (Taiwan)	5	*	6	6	1	6
Colombia	3	—	3	10	*	10
Cyprus	*	—	*	—	—	—
Denmark	7	15	22	9	15	25
Dominican Rep.	*	—	*	*	—	*
F. Rep. Germany	2	—	2	2	—	2
Finland	*	—	*	*	—	*
France	*	2	2	2	—	2
Greece	16	*	16	14	—	14
Guatemala	1	—	1	1	—	1
Hong Kong	1	—	1	2	—	2
Israel	6	—	6	4	—	4
Italy	—	*	*	*	*	1
Japan	1	—	1	*	—	*
Jordan	*	—	*	1	—	*
Korea, Rep. of	—	*	*	—	—	—
Lebanon	5	9	14	1	8	9
Mexico	103	—	103	100	6	106
Netherlands	1	—	1	*	—	*
Norway	1	—	1	2	—	2
Poland	2	4	6	2	4	6
Spain	—	—	—	*	—	*
Sweden	1	--	1	1	—	1
Switzerland	—	—	—	*	—	*
Turkey	4	—	4	—	—	—
U.S.S.R.	1	—	1	—	—	—
United Kingdom	11	2	13	16	1	17
Yugoslavia	*	—	*	1	—	1
Total Other Distilled Spirits	**175**	**33**	**207**	**184**	**36**	**219**

NOTE: Because of rounding, detail may not add to total. Not including shipments specifically consigned to the U.S. military and naval forces abroad, shipments to U.S. officials, including diplomatic representatives, for their official and personal use, ships' stores for consumption on vessels and shipments passing through the United States in transit from one country to another. Includes shipments to foreign diplomatic establishments outside the United States.

*Less than 500 gallons.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 31. United States Dutiable Imports of Distilled Spirits for Consumption, by Class, Bottled[a] and Bulk[b], 1983 and 1984

(000 Proof Gallons)

Class and Type of Container	Calendar Year 1984	Calendar Year 1983	Gallonage Change	Percentage Change
Whiskey Total	**78,039**	**83,845**	**−5,806**	**−6.9**
Bottled	37,678	37,434	244	0.7
Bulk	40,362	46,411	−6,049	−13.0
Gin Total	**5,812**	**5,781**	**31**	**0.5**
Bottled	5,630	5,660	−30	* −0.5
Bulk	182	121	61	50.4
Rum Total[c]	**5,838**	**1,265**	**4,573**	**361.4**
Bottled	219	201	18	9.0
Bulk	5,619	1,064	4,555	428.1
Brandy Total	**6,365**	**6,098**	**267**	**4.4**
Bottled	5,373	5,079	294	5.8
Bulk	992	1,019	−27	−2.6
Vodka Total	**3,283**	**2,179**	**1,104**	**50.7**
Bottled	3,280	2,171	1,109	51.1
Bulk	4	8	−4	−50.0
Cordials, Liqueurs, etc., Total	**10,323**	**8,729**	**1,594**	**18.3**
Bottled	5,373	4,964	409	8.2
Bulk	4,950	3,765	1,185	31.5
Tequila Total	**7,856**	**8,069**	**−213**	**−2.6**
Bottled	25	43	−18	−41.9
Bulk	7,831	8,026	−195	−2.4
Spirits, N.E.S. Total	**207**	**219**	**−12**	**−5.5**
Bottled	175	184	−9	−4.9
Bulk	32	36	−4	−11.1
Bitters Total	**144**	**166**	**−22**	**−13.0**
Bottled	7	8	−1	−12.5
Bulk	137	158	−21	−13.3
Bottled Total	**57,760**	**55,742**	**2,018**	**3.6**
Bulk Total	**60,108**	**60,609**	**−501**	**−0.8**
Total Dutiable Imports	**117,868**	**116,351**	**1,517**	**1.3**

NOTE: Because of rounding, detail may not add to total.

[a]Shipments in bottles each holding one gallon or less.

[b]Shipments in wood or metal containers each holding more than one gallon.

[c]Substantial quantities of imported bulk rum were shifted from Customs bonded warehouses to BATF bonded warehouses in 1984 (about 5 million gallons from Jamaica). As a result, these supplies have been described as imports for immediate consumption, although bottling and consumption may not take place for a year or more. The shift occurred because with passage of the Caribbean Economic Recovery Act in 1984, rum from Caribbean nations now enters the U.S. duty-free, making storage in Customs bonded warehouses unnecessary to defer payment of import duties.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 32. Shipments of Rum to United States From Puerto Rico and U.S. Virgin Islands, 1935-1984

(000 Proof Gallons)

Calendar Year	From Puerto Rico: Rum Bottled[a]	Rum Bulk[a]	Rum Total	Other Distilled Spirits	Total	From U.S. Virgin Islands: Rum Bottled[a]	Rum Bulk[a]	Rum Total	Other Distilled Spirits	Total	Total Shipments
1935	—	—	89	1	90	—	—	65	—	65	155
1940	—	—	1,445	10	1,456	—	—	384	45	429	1,885
1945	—	—	2,909	27	2,936	—	—	930	—	930	3,866
1950	—	—	1,332	2	1,334	—	—	624	3	627	1,961
1955	—	—	1,597	5	1,602	—	—	444	33	478	2,080
1960	—	—	2,089	5	2,094	—	—	701	122	823	2,917
1961	—	—	2,537	55	2,593	—	—	693	93	786	3,379
1962	—	—	3,300	259	3,559	—	—	785	7	791	4,350
1963	—	—	3,033	669	3,703	—	—	735	11	746	4,448
1964	—	—	3,245	251	3,496	—	—	1,229	18	1,247	4,743
1965	—	—	3,721	115	3,836	—	—	918	15	933	4,769
1966	—	—	4,052	68	4,120	—	—	1,360	2	1,362	5,482
1967	—	—	4,940	71	5,010	—	—	1,258	8	1,266	6,277
1968	—	—	5,201	68	5,269	—	—	1,452	9	1,501	6,771
1969	—	—	4,852	70	4,921	—	—	1,421	12	1,433	6,354
1970	—	—	7,240	81	7,320	—	—	1,684	3	1,687	9,008
1971	—	—	8,473	71	8,544	—	—	2,103	3	2,107	10,651
1972	7,263	1,423	8,686	24	8,710	95	1,589	1,685	11	1,696	10,405
1973	8,365	1,430	9,795	16	9,811	77	1,633	1,709	*	1,710	11,521
1974	6,997	2,836	9,834	38	9,872	53	1,688	1,741	1	1,742	11,614
1975	7,403	3,746	11,149	48	11,197	52	1,940	1,992	—	1,992	13,189
1976	6,932	5,209	12,141	51	12,192	36	1,922	1,958	—	1,958	14,150
1977	8,848	5,913	14,761	57	14,817	29	2,024	2,053	—	2,053	16,870
1978	9,079	9,075	18,154	120	18,274	23	3,426	3,449	—	3,449	21,723
1979	9,779	13,477	23,257	151	23,408	39	3,207	3,246	—	3,246	26,653
1980	6,929	14,855	21,784	160	21,944	33	3,561	3,595	—	3,595	25,539
1981	8,216	14,099	22,315	93	22,407	19	3,375	3,394	—	3,394	25,802
1982	6,686	13,858	20,543	247	20,790	23	3,377	3,400	—	3,400	24,191
1983	7,349	17,698	25,047	178	25,225	19	3,209	3,228	—	3,228	28,453
1984	5,326	14,892	20,218	338	20,556	11	3,164	3,175	—	3,175	23,731[c]

NOTE: Because of rounding, detail may not add to total.

*Less than 500.

[a]Bottled and bulk rum from Puerto Rico and the U.S. Virgin Islands not available separately from 1935 to 1971.

[c]6.6% decrease in total shipment influenced by labor dispute in Puerto Rico, settled Sept 1984.

Sources: Virgin Islands Rum Council; Puerto Rico Rum Producers Association, Inc; Bureau of the Census, U.S. Department of Commerce.

APPARENT CONSUMPTION[1]

Per Capita Consumption

Adult per capita apparent consumption of distilled spirits in 1984 was 14.6 percent below the peak level of 1974 and 2.4 percent lower than 1983, i.e., 2.46 liquid gallons per capita in 1984, 2.52 gallons in 1983, and 2.88 gallons in 1974 (Table 33). After reaching a peak in 1974, consumption decreased slightly until 1978 with the decline becoming more pronounced in later years. Among other factors, the decline has been attributed to changing life styles, adverse publicity vis-a-vis drinking and driving, the potential for liability under dram shop laws, and raising of the legal drinking age.

Per capita consumption for the entire U.S. population, as opposed to adult consumption, fell 2.2 percent between 1983 and 1984 from 1.84 gallons to 1.80 gallons. Consumption in license states dropped 2.0 percent to 1.93 gallons from 1.97 gallons in 1983. In control states the decline was 2.6 percent, from 1.53 to 1.49 gallons (Table 36).

Consumption of spirits in some states is inflated by cross-border sales to consumers from neighboring states who take advantage of lower cross-border prices. Tourist trade in some states also inflates consumption. Examples are the District of Columbia and Nevada where consumption is inflated because of tourist trade and cross-border sales. Actual consumption by the citizens of these states is lower than reflected in the statistics.

The level of consumption in a given state results from the size of its population, the number of dry jurisdictions, and attitudes toward drinking, among other factors.

Total Consumption

Total U.S. consumption of distilled spirits is estimated at 426.1 million liquid gallons in 1984, 1.2 percent less than 1983 (Tables 33 and 34).

Total consumption in license states, at 324 million gallons in 1984, was 1.0 percent less than in 1983 (Tables 35 and 36). Ten license states increased consumption while consumption in remaining states and the District of Columbia decreased. In control states, consumption decreased 1.7 percent to 103 million gallons. Consumption decreased in all except three control states.

The highest seasonal sales or consumption of spirits occurs in November and December (Table 34).

Tables 37 and 38 show per capita apparent consumption of distilled spirits, wine, and beer. Average adult consumption of distilled spirits in the United States was 2.46 gallons in 1984; wine, 3.13 gallons; and beer, 32.61 gallons. In terms of pure alcohol, per capita beer consumption was 1.10 gallons in 1984; distilled spirits, 0.72 gallons; and wine, 0.28 gallons.

[1]**Apparent consumption** in most control states is measured by sales of distilled spirits at retail. In most license states, consumption is based on taxes paid by wholesalers, such taxes reflecting the volume of spirits moving toward consumption.

Apparent consumption does not represent actual ingestion by consumers. Stock changes at the wholesale, retail, and consumer level as well as the lag between the time of wholesale tax payments or retail sales and actual drinking by consumers may affect the level of actual intake in a given year.

Table 33. Apparent Consumption of Distilled Spirits in the United States, License and Control States, 1934-1984

	License States[a]			Control States			Total	All States Allowing Sale of Distilled Spirits				
Calendar Year	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Number of States[a]	Resident Population (000)	Per Capita (Resident)	Population 18 Years and Over (000)	Per Capita (Adult)
1934	45,892	0.78	79.2	12,073	0.41	20.8	57,965	28	88,707	0.65	—	—
1935	65,219	0.91	72.7	24,452	0.65	27.3	89,670	41	109,042	0.82	—	—
1940	101,736	1.22	70.2	43,256	1.03	29.8	144,992	46	125,662	1.15	—	—
1945	142,220	1.68	74.8	47,911	1.15	25.2	190,131	46	126,338	1.50	—	—
1950	138,966	1.40	73.1	51,053	1.07	26.9	190,020	47	146,823	1.29	—	—
1955	145,422	1.34	72.9	54,148	1.05	27.1	199,571	47	159,959	1.25	—	—
1960	175,573	1.44	74.8	59,141	1.09	25.2	234,715	49	176,512	1.33	—	—
1961	182,707	1.46	75.7	58,742	1.06	24.3	241,449	49	180,082	1.34	—	—
1962	192,693	1.52	76.0	61,008	1.09	24.0	253,701	49	182,879	1.39	—	—
1963	196,780	1.51	76.0	62,200	1.11	24.0	258,979	49	185,687	1.39	—	—
1964	209,721	1.59	76.0	66,141	1.16	24.0	275,862	49	188,365	1.46	—	—
1965	223,889	1.66	76.1	70,355	1.23	23.9	294,244	50	191,496	1.54	—	—
1966	233,071	1.71	75.4	75,845[b]	1.27	24.6	308,917	51	195,857	1.58	—	—
1967	243,902	1.78	75.3	80,094	1.32	24.7	323,996	51	197,863	1.64	—	—
1968	261,514	1.89	75.5	84,730	1.39	24.5	346,244	51	199,312	1.74	—	—
1969	272,534	1.95	75.3	89,240	1.46	24.7	361,774	51	201,306	1.80	—	—
1970	279,534	1.98	75.4	91,039	1.47	24.6	370,574	51	203,302	1.82	133,218	2.78
1971	288,368	2.00	75.4	94,156	1.51	24.6	382,523	51	206,172	1.86	136,629	2.80
1972	296,281	2.03	75.2	97,555	1.55	24.8	393,836	51	208,654	1.89	139,527	2.82
1973	306,727	2.08	75.4	100,332	1.58	24.6	407,059	51	210,761	1.93	142,293	2.86
1974	314,444	2.11	75.4	102,841	1.61	24.6	417,285	51	212,779	1.96	145,101	2.88
1975	318,685	2.12	75.3	104,735	1.62	24.7	423,420	51	214,943	1.97	148,102	2.86
1976	320,086	2.11	75.1	106,307	1.63	24.9	426,394	51	217,074	1.96	151,146	2.82
1977	323,813	2.11	75.0	107,740	1.64	25.0	431,553	51	219,308	1.97	154,190	2.80
1978	332,925	2.14	75.1	110,536	1.67	24.9	443,461	51	221,665	2.00	157,241	2.82
1979	335,418	2.12	75.0	112,078	1.68	25.0	447,497	51	224,068	2.00	160,373	2.79
1980	337,631	2.11	75.1	111,786	1.66	24.9	449,417	51	227,156	1.98	162,761	2.76
1981	339,177	2.10	75.5	110,276	1.63	24.5	449,453	51	229,307	1.96	166,147	2.70
1982	330,677	2.02	75.6	106,982	1.57	24.4	437,659	51	231,534	1.89	168,769	2.59
1983	326,801	1.97	75.8	104,331	1.53	24.2	431,132	51	233,981	1.84	171,406	2.52
1984	323,618	1.93	75.9	102,512	1.49	24.1	426,130	51	236,162	1.80	173,463	2.46

NOTE: Because of rounding, detail may not add to total. Excludes Hawaii, 1934–1964.

[a]Includes District of Columbia.

[b]Includes Mississippi gallonage from July through December 1966.

Source: Distilled Spirits Council of the United States, Inc.; Bureau of the Census, U.S. Department of Commerce.

Where available, license state consumption based on taxed gallonage reported by state tax authorities. In other states, estimated from state treasury tax collections by dividing revenues collected by tax rate per gallon. In Alaska, Georgia, Missouri, South Carolina, and South Dakota, consumption represents sales by distillers to wholesalers and in Wisconsin sales by wholesalers to retailers. Hawaiian estimates are based on semiannual tax data, through 1983.

Control state consumption is actual retail sales in state liquor stores as reported to the National Alcohol Beverage Control Association, except in Mississippi and Wyoming where statistics represent wholesale sales by state liquor control boards to private retailers.

Note: Actual consumption takes place *after* tax collections and wholesale shipments are made. Also, stock changes at the retail level and in the home not included in the estimates.

Figure 12. Apparent Consumption of Distilled Spirits in the United States, 1965-1984
(Millions of Wine Gallons)

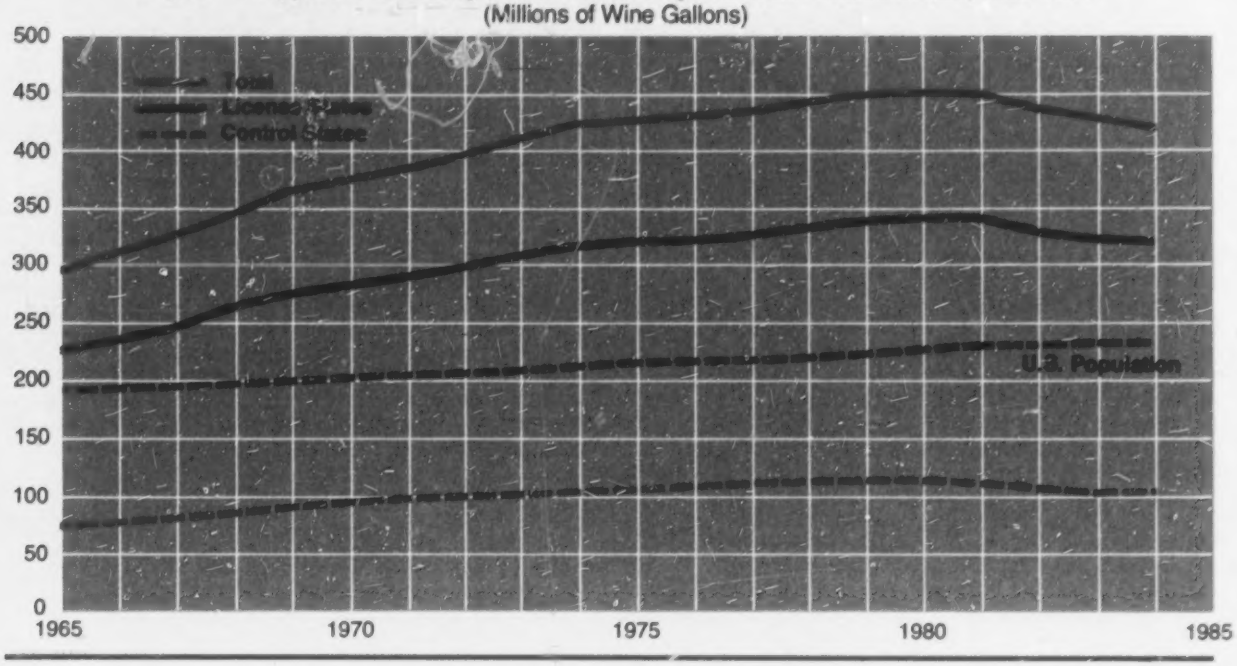


Table 34. Apparent Consumption of Distilled Spirits in the United States by Month, 1983 and 1984
(000 Wine Gallons)

Month	1984	Percentage of Annual Consumption[a]	1983	Percentage of Annual Consumption[a]	Percentage Change
January	30,543	7.2	29,822	6.9	2.4
February	30,722	7.2	28,999	6.7	5.9
March	34,284	8.1	36,273	8.4	-5.5
April	32,737	7.7	33,720	7.8	-2.9
May	34,169	8.0	34,065	7.9	0.3
June	36,440	8.6	38,651	9.0	-5.7
July	31,270	7.3	31,961	7.4	-2.2
August	33,082	7.8	33,800	7.8	-2.1
September	32,581	7.7	33,749	7.8	-3.5
October	37,703	8.8	34,335	8.0	9.8
November	41,622	9.8	43,130	10.0	-3.5
December	49,172	11.5	50,448	11.7	-2.5
Total[b]	**426,130**	**100.0**	**431,132**	**100.0**	**-1.2**

NOTE: Because of rounding, detail may not add to total.
[a]Percentage of total excluding Hawaii.
[b]Totals shown include Hawaii.
Source: Distilled Spirits Council of the United States, Inc.

Table 35. Apparent Consumption of Distilled Spirits by State, 1975–1984

(000 Wine Gallons)

State	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975
License States[a]										
*Alaska	1,397	1,470	1,378	1,362	1,240	1,186	1,220	1,300	1,391	1,359
Arizona	6,530	5,648	5,697	5,637	5,136	5,324	5,001	4,584	4,402	4,145
Arkansas	2,871	2,800	2,738	2,982	2,976	2,378	2,998	2,537	2,535	2,366
California	53,012	54,026	54,464	56,423	57,069	56,590	56,981	53,573	52,529	52,054
Colorado	6,845	6,766	6,905	7,181	7,287	6,855	7,336	6,084	6,381	6,311
Connecticut	7,617	7,733	7,569	7,343	7,386	7,356	7,292	7,296	7,195	7,271
Delaware	1,575	1,594	1,552	1,637	1,621	1,482	1,521	1,493	1,492	1,532
District of Columbia	3,350	3,556	3,503	3,768	3,828	3,903	4,062	4,262	4,591	4,828
Florida	25,756	26,478	26,264	26,615	26,492	25,234	24,186	23,502	22,709	22,330
*Georgia	11,539	11,416	10,977	11,119	11,037	11,264	10,919	10,527	10,718	9,945
Hawaii	1,803	2,180	2,155	2,165	2,175	2,175	2,160	2,190	2,024	1,970
Illinois	22,238	22,514	23,404	24,460	25,072	25,181	25,204	25,693	26,112	26,826
Indiana	7,654	7,616	7,898	8,093	8,019	8,147	7,825	8,009	7,110	7,006
Kansas	2,958	2,982	3,109	3,195	2,808	3,294	2,989	2,909	2,913	2,935
Kentucky	4,830	5,142	5,283	5,250	5,084	5,149	5,158	4,906	4,857	5,006
Louisiana	7,786	7,813	8,058	8,107	8,090	8,001	7,792	7,383	7,073	6,700
Maryland	10,099	10,238	10,516	10,958	11,086	11,086	10,979	10,914	10,834	10,739
Massachusetts	14,240	13,964	14,121	14,236	14,373	14,111	14,125	13,923	13,950	14,273
Minnesota	8,582	8,744	8,797	9,307	9,370	9,053	8,869	8,720	8,528	8,426
*Missouri	6,367	6,321	6,258	6,892	6,938	7,379	7,480	7,028	7,075	7,680
Nebraska	2,334	2,409	2,523	2,659	2,659	2,676	2,690	2,697	2,733	2,718
Nevada	4,236	4,263	4,288	4,462	4,565	4,389	4,611	4,593	4,360	4,096
New Jersey	16,414	16,747	16,643	16,751	16,272	15,712	15,649	15,894	15,902	16,155
New Mexico	1,610	2,317	2,159	2,142	2,208	2,046	2,114	2,026	1,980	1,954
New York	36,325	36,389	37,897	39,332	39,778	40,328	39,824	40,245	41,070	41,740
North Dakota	1,268	1,347	1,424	1,408	1,386	1,391	1,421	1,391	1,388	1,384
Oklahoma	4,639	4,831	5,041	4,941	4,122	4,679	4,577	4,550	3,905	4,188
Rhode Island	1,986	2,036	1,988	1,970	2,133	2,034	2,104	2,031	2,073	2,131
*South Carolina	6,313	6,275	6,057	6,287	6,245	6,490	6,682	6,143	6,438	6,111
*South Dakota	1,182	1,252	1,267	1,358	1,401	1,359	1,375	1,386	1,312	1,242
Tennessee	6,385	6,286	6,274	6,355	6,115	6,132	5,989	5,747	5,619	5,357
Texas	23,729	23,342	23,987	23,563	22,149	21,776	20,516	19,122	17,991	17,168
**Wisconsin	10,151	10,302	10,483	11,219	11,511	11,259	11,276	11,156	10,896	10,739
Subtotal License States	**323,618**	**326,801**	**330,677**	**339,177**	**337,631**	**335,418**	**332,925**	**323,613**	**320,086**	**318,685**
Control States[b]										
Alabama	5,270	5,400	5,413	5,463	5,475	5,969	5,994	5,747	5,565	5,395
Idaho	1,281	1,281	1,357	1,391	1,326	1,307	1,296	1,224	1,160	1,135
Iowa	3,385	3,576	3,646	3,846	3,981	3,973	4,015	4,044	4,043	3,945
Maine	2,277	2,277	2,235	2,284	2,289	2,275	2,195	2,143	2,064	1,951
Michigan	16,994	16,882	17,148	17,510	17,982	17,998	17,909	17,308	17,188	16,721
**Mississippi	3,698	3,800	3,843	3,914	3,976	3,974	3,809	3,659	3,522	3,366
Montana	1,441	1,520	1,546	1,576	1,545	1,533	1,584	1,585	1,516	1,474
New Hampshire	4,472	4,405	4,328	4,419	4,439	4,452	4,687	4,594	4,465	4,477
North Carolina	9,460	9,489	9,875	9,889	9,677	9,425	8,860	8,542	8,500	8,292
Ohio	12,621	13,433	13,627	14,041	14,835	15,113	14,937	14,791	14,722	14,812
Oregon	4,237	4,372	4,492	4,706	4,787	4,662	4,484	4,303	4,062	3,961
Pennsylvania	15,600	15,714	16,165	16,853	16,733	16,980	17,068	16,971	17,161	17,272
Utah	1,423	1,358	1,434	1,499	1,502	1,424	1,365	1,287	1,238	1,184
Vermont	1,189	1,215	1,243	1,327	1,364	1,414	1,427	1,398	1,499	1,528
Virginia	8,918	8,980	9,344	9,451	9,411	9,329	9,096	8,819	8,686	8,621
Washington	7,614	7,784	8,125	8,518	8,648	8,393	8,039	7,641	7,304	7,066
West Virginia	1,658	1,820	2,049	2,445	2,667	2,764	2,714	2,700	2,701	2,657
**Wyoming	974	1,025	1,113	1,147	1,150	1,093	1,056	984	914	878
Subtotal Control States	**102,512**	**104,331**	**106,982**	**110,276**	**111,786**	**112,078**	**110,536**	**107,740**	**106,307**	**104,735**
Total United States	**426,130**	**431,132**	**437,659**	**449,453**	**449,417**	**447,497**	**443,461**	**431,553**	**426,394**	**423,420**

NOTE: Because of rounding, detail may not add to total.

[a]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[b]Control States: All control state data except Mississippi and Wyoming are retail sales by liquor stores. Mississippi and Wyoming data represent wholesale sales from state controlled warehouses to private retail establishments.

Source: Distilled Spirits Council of the United States, Inc. (See Table 33 for details.)

Table 36. Apparent Consumption of Distilled Spirits, by State, Total and Per Capita, 1983 and 1984

Population[c] July 1, 1984 (000)	Percentage of Total Population	Percentage of U.S. Total Consumption			Rank		Consumption by State			Consumption Per Capita			
							000 Wine Gallons		Percentage	Wine Gallons		Rank	
		1984	1983	License States[a]	1984	1983	1984	1983	Change	1984	1983	1984	1983
500	0.21	0.33	0.34	*Alaska	46	45	1,397	1,470	−4.97	2.79	3.07	4	4
3,053	1.29	1.53	1.31	Arizona	22	25	6,530	5,648	15.62	2.14	1.91	13	25
2,349	0.99	0.67	0.65	Arkansas	36	36	2,871	2,800	2.54	1.22	1.20	45	49
25,623	10.85	12.44	12.53	California	1	1	53,012	54,026	−1.88	2.07	2.15	15	14
3,178	1.35	1.61	1.57	Colorado	21	21	6,845	6,766	1.17	2.15	2.16	12	13
3,154	1.34	1.79	1.79	Connecticut	19	19	7,617	7,733	−1.50	2.42	2.46	7	7
613	0.26	0.37	0.37	Delaware	43	43	1,575	1,594	−1.19	2.57	2.63	5	5
623	0.26	0.79	0.82	Dist. of Columbia	34	34	3,350	3,556	−5.79	5.38	5.71	1	1
10,976	4.65	6.04	6.14	Florida	3	3	25,756	26,478	−2.73	2.35	2.48	8	6
5,837	2.47	2.71	2.65	*Georgia	11	11	11,539	11,416	1.08	1.98	1.99	19	20
1,039	0.44	0.42	0.51	Hawaii	40	40	1,803	2,180	−17.29	1.74	2.13	28	16
11,511	4.87	5.22	5.22	Illinois	5	5	22,238	22,514	−1.23	1.93	1.96	21	23
5,498	2.33	1.80	1.77	Indiana	18	20	7,654	7,616	0.50	1.39	1.39	38	39
2,438	1.03	0.69	0.69	Kansas	35	35	2,958	2,982	−0.80	1.21	1.23	46	48
3,723	1.58	1.13	1.19	Kentucky	27	27	4,830	5,142	−6.07	1.30	1.38	42	40
4,462	1.89	1.83	1.81	Louisiana	17	17	7,786	7,813	−0.35	1.74	1.76	29	30
4,349	1.84	2.37	2.37	Maryland	13	13	10,099	10,238	−1.36	2.32	2.38	9	9
5,798	2.46	3.34	3.24	Massachusetts	9	9	14,240	13,964	1.98	2.46	2.42	6	8
4,162	1.76	2.01	2.03	Minnesota	16	16	8,582	8,744	−1.85	2.06	2.11	16	17
5,008	2.12	1.49	1.47	*Missouri	24	22	6,367	6,321	0.73	1.27	1.27	44	45
1,606	0.68	0.55	0.56	Nebraska	37	37	2,334	2,409	−3.11	1.45	1.51	35	35
911	0.39	0.99	0.99	Nevada	31	31	4,236	4,263	−0.63	4.65	4.78	2	2
7,515	3.18	3.85	3.88	New Jersey	7	7	16,414	16,747	−1.99	2.18	2.24	11	11
1,424	0.60	0.38	0.54	New Mexico	42	38	1,610	2,317	−30.51	1.13	1.66	49	31
17,735	7.51	8.52	8.44	New York	2	2	36,325	36,389	−0.18	2.05	2.06	18	18
686	0.29	0.30	0.31	North Dakota	48	47	1,268	1,347	−5.86	1.85	1.98	25	22
3,298	1.40	1.09	1.12	Oklahoma	28	28	4,639	4,831	−3.97	1.41	1.46	37	38
962	0.41	0.47	0.47	Rhode Island	39	41	1,986	2,036	−2.46	2.06	2.13	17	15
3,300	1.40	1.48	1.46	*South Carolina	25	24	6,313	6,275	0.61	1.91	1.92	22	24
706	0.30	0.28	0.29	*South Dakota	50	49	1,182	1,252	−5.59	1.67	1.79	30	29
4,717	2.00	1.50	1.46	Tennessee	23	23	6,385	6,286	1.57	1.35	1.34	39	42
15,989	6.77	5.57	5.41	Texas	4	4	23,729	23,342	1.66	1.48	1.48	34	36
4,766	2.02	2.38	2.39	**Wisconsin	12	12	10,151	10,302	−1.47	2.13	2.17	14	12
167,509	**70.93**	**75.94**	**75.80**	**Subtotal License States**			**323,618**	**326,801**	**−0.97**	**1.93**	**1.97**		
				Control States[b]									
3,990	1.69	1.24	1.25	Alabama	26	26	5,270	5,400	−2.41	1.32	1.36	40	41
1,001	0.42	0.30	0.30	Idaho	47	48	1,281	1,281	0.00	1.28	1.29	43	44
2,910	1.23	0.79	0.83	Iowa	33	33	3,385	3,576	−5.34	1.16	1.23	48	47
1,156	0.49	0.53	0.53	Maine	38	39	2,277	2,277	0.00	1.97	1.99	20	21
9,075	3.84	3.99	3.92	Michigan	6	6	16,994	16,882	0.66	1.87	1.86	24	26
2,598	1.10	0.87	0.88	**Mississippi	32	32	3,698	3,800	−2.68	1.42	1.47	36	37
824	0.35	0.34	0.35	Montana	44	44	1,441	1,520	−5.20	1.75	1.86	26	27
977	0.41	1.05	1.02	New Hampshire	29	29	4,472	4,405	1.52	4.58	4.59	3	3
6,165	2.61	2.22	2.20	North Carolina	14	14	9,460	9,489	−0.31	1.53	1.56	33	34
10,752	4.55	2.96	3.12	Ohio	10	10	12,621	13,433	−6.04	1.17	1.25	47	46
2,674	1.13	0.99	1.01	Oregon	30	30	4,237	4,372	−3.09	1.58	1.64	31	32
11,901	5.04	3.66	3.64	Pennsylvania	8	8	15,600	15,714	−0.73	1.31	1.32	41	43
1,652	0.70	0.33	0.31	Utah	45	46	1,423	1,358	4.79	0.86	0.84	50	51
530	0.22	0.28	0.28	Vermont	49	50	1,189	1,215	−2.14	2.24	2.31	10	10
5,636	2.39	2.09	2.08	Virginia	15	15	8,918	8,980	−0.69	1.58	1.62	32	33
4,349	1.84	1.79	1.81	Washington	20	18	7,614	7,784	−2.18	1.75	1.81	27	28
1,952	0.83	0.39	0.42	West Virginia	41	42	1,658	1,820	−8.90	0.85	0.93	51	50
511	0.22	0.23	0.24	**Wyoming	51	51	974	1,025	−4.98	1.91	1.99	23	19
68,653	**29.07**	**24.06**	**24.20**	**Subtotal Control States**			**102,512**	**104,331**	**−1.74**	**1.49**	**1.53**		
236,162	**100.00**	**100.00**	**100.00**	**Total United States**			**426,130**	**431,132**	**−1.2**	**1.80**	**1.84**		

NOTE: Because of rounding, detail may not add to total. Percentage were calculated before rounding.

[a]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[b]Control States: All control state data except Mississippi and Wyoming are retail sales by state liquor stores. Mississippi and Wyoming data represent wholesale sales from state-controlled warehouses to private retail establishments.

[c]Resident population.

Sources: Distilled Spirits Council of the United States Inc; Bureau of the Census, U.S. Department of Commerce. (See Table 33 for details.)

Table 37. Adult[a] Per Capita and Total Apparent Consumption of Distilled Spirits, Wine, and Beer, by State, 1984

State	Adult Population (July 1, 1984) (000)	Apparent Consumption (000 Gallons)			Consumption per Capita (Gallons per Adult)		
		Spirits	Wine	Beer	Spirits	Wine	Beer
LICENSE STATES							
Alaska	338	1,397	1,652	14,187	4.13	4.89	41.97
Arizona	2,196	6,530	8,215	91,109	2.97	3.74	41.49
Arkansas	1,697	2,871	1,700	42,064	1.69	1.00	24.79
California	18,960	53,012	117,186	639,580	2.80	6.18	33.73
Colorado	2,323	6,845	8,747	81,620	2.95	3.77	35.14
Connecticut	2,406	7,617	10,059	63,963	3.17	4.18	26.58
Delaware	458	1,575	1,455	16,298	3.44	3.18	35.59
District of Columbia	488	3,350	4,451	18,183	6.86	9.12	37.26
Florida	8,465	25,576	28,345	318,761	3.04	3.35	37.66
Georgia	4,205	11,539	8,532	124,215	2.74	2.03	29.54
Hawaii	752	1,803	2,593	29,803	2.40	3.45	39.63
Illinois	8,421	22,238	26,036	283,548	2.64	3.09	33.67
Indiana	3,987	7,654	6,991	121,163	1.92	1.75	30.39
Kansas	1,785	2,958	2,248	50,587	1.66	1.26	28.34
Kentucky	2,692	4,830	2,877	68,895	1.79	1.07	25.59
Louisiana	3,106	7,786	7,669	106,300	2.51	2.47	34.22
Maryland	3,264	10,099	10,211	104,622	3.09	3.13	32.05
Massachusetts	4,433	14,240	18,848	141,351	3.21	4.25	31.89
Minnesota	3,037	8,582	6,971	98,007	2.83	2.30	32.27
Missouri	3,693	6,367	7,841	118,935	1.72	2.12	32.21
Nebraska	1,163	2,334	1,994	40,777	2.01	1.71	35.06
Nevada	676	4,236	4,628	31,958	6.27	6.85	47.28
New Jersey	5,661	16,414	26,063	161,942	2.90	4.60	28.61
New Mexico	988	1,610	2,684	40,286	1.63	2.72	40.78
New York	13,347	36,325	55,266	368,111	2.72	4.14	27.58
North Dakota	488	1,268	683	16,463	2.60	1.40	33.74
Oklahoma	2,377	4,639	3,154	58,657	1.95	1.33	24.68
Rhode Island	736	1,986	3,214	24,155	2.70	4.37	32.82
South Carolina	2,373	6,313	4,784	72,591	2.66	2.02	30.59
South Dakota	499	1,182	699	15,343	2.37	1.40	30.75
Tennessee	3,471	6,385	4,423	92,719	1.84	1.27	26.71
Texas	11,272	23,729	26,443	476,023	2.11	2.35	42.23
Wisconsin	3,489	10,151	9,015	156,991	2.91	2.58	45.00
License States	**123,246**	**323,621**	**425,677**	**4,089,207**	**2.63**	**3.45**	**33.18**
CONTROL STATES							
Alabama	2,880	5,270	4,560	71,875	1.83	1.58	24.96
Idaho	678	1,281	1,836	23,202	1.89	2.71	34.22
Iowa	2,127	3,385	2,121	69,438	1.59	1.00	32.65
Maine	849	2,277	2,302	25,602	2.68	2.71	30.16
Michigan	6,590	16,994	17,411	210,473	2.58	2.64	31.94
Mississippi	1,800	3,698	1,623	52,251	2.05	0.90	29.03
Montana	588	1,441	1,579	24,222	2.45	2.69	41.19
New Hampshire	724	4,472	3,623	34,822	6.18	5.00	48.10
North Carolina	4,565	9,460	9,351	121,873	2.07	2.05	26.70
Ohio	7,873	12,621	16,482	267,528	1.60	2.09	33.98
Oregon	1,965	4,237	8,692	60,361	2.16	4.42	30.72
Pennsylvania	8,990	15,600	16,514	296,774	1.74	1.84	33.01
Utah	1,027	1,423	1,218	22,149	1.39	1.19	21.57
Vermont	391	1,189	1,612	13,943	3.04	4.12	35.66
Virginia	4,208	8,918	10,199	126,379	2.12	2.42	30.03
Washington	3,189	7,614	15,183	94,794	2.39	4.76	29.73
West Virginia	1,421	1,658	1,465	38,367	1.17	1.03	27.00
Wyoming	352	974	661	13,443	2.77	1.88	38.19
Control States	**50,217**	**102,512**	**116,432**	**1,567,496**	**2.04**	**2.32**	**31.21**
Total United States	**173,463**	**426,130**	**542,109**	**5,656,703**	**2.46**	**3.13**	**32.16**

[a] "Adult" is defined as persons 18 years of age and older.

Sources: Distilled Spirits Council of the United States, Inc.; Wine Institute; United States Brewers Association; Bureau of the Census, U.S. Department of Commerce.

Table 38. Apparent Consumption of Alcohol From Distilled Spirits, Wine and Beer, by State, Total and Per Capita, 1984

State	Population[a] (July 1, 1984) (000)	Apparent Consumption (000 Gallons of Alcohol) Spirits	Wine	Beer	Consumption per Capita (Alcohol Gallons per Person) Spirits	Wine	Beer
LICENSE STATES							
Alaska	500	559	198	653	1.12	0.40	1.31
Arizona	3,053	2,612	986	4,191	0.86	0.32	1.37
Arkansas	2,349	1,148	204	1,935	0.49	0.09	0.82
California	25,623	21,205	14,062	29,421	0.83	0.55	1.15
Colorado	3,178	2,738	1,050	3,755	0.86	0.33	1.18
Connecticut	3,154	3,047	1,207	2,942	0.97	0.38	0.93
Delaware	613	630	175	750	1.03	0.28	1.22
District of Columbia	623	1,340	534	836	2.15	0.86	1.34
Florida	10,976	10,302	3,401	14,663	0.94	0.31	1.34
Georgia	5,837	4,616	1,024	5,714	0.79	0.18	0.98
Hawaii	1,039	721	311	1,371	0.69	0.30	1.32
Illinois	11,511	8,895	3,124	13,043	0.77	0.27	1.13
Indiana	5,498	3,062	839	5,573	0.56	0.15	1.01
Kansas	2,438	1,183	270	2,327	0.49	0.11	0.95
Kentucky	3,723	1,932	345	3,169	0.52	0.09	0.85
Louisiana	4,462	3,114	920	4,890	0.70	0.21	1.10
Maryland	4,349	4,040	1,225	4,813	0.93	0.28	1.11
Massachusetts	5,798	5,696	2,262	6,502	0.98	0.39	1.12
Minnesota	4,162	3,433	837	4,508	0.82	0.20	1.08
Missouri	5,008	2,547	941	5,471	0.51	0.19	1.09
Nebraska	1,606	934	239	1,876	0.58	0.15	1.17
Nevada	911	1,694	555	1,470	1.86	0.61	1.61
New Jersey	7,515	6,566	3,128	7,449	0.87	0.42	0.99
New Mexico	1,424	644	322	1,853	0.45	0.23	1.30
New York	17,735	14,530	6,632	16,933	0.82	0.37	0.95
North Dakota	686	507	82	757	0.74	0.12	1.10
Oklahoma	3,298	1,856	378	2,698	0.56	0.11	0.82
Rhode Island	962	794	386	1,111	0.83	0.40	1.16
South Carolina	3,300	2,525	574	3,339	0.77	0.17	1.01
South Dakota	706	473	84	706	0.67	0.12	1.00
Tennessee	4,717	2,554	531	4,265	0.54	0.11	0.90
Texas	15,989	9,492	3,173	21,897	0.59	0.20	1.37
Wisconsin	4,766	4,060	1,082	7,222	0.85	0.23	1.52
License States	**167,509**	**129,448**	**51,081**	**188,104**	**0.77**	**0.30**	**1.12**
CONTROL STATES							
Alabama	3,990	2,108	547	3,306	0.53	0.14	0.83
Idaho	1,001	512	220	1,067	0.51	0.22	1.07
Iowa	2,910	1,354	255	3,194	0.47	0.09	1.10
Maine	1,156	911	276	1,178	0.79	0.24	1.02
Michigan	9,075	6,798	2,089	9,682	0.75	0.23	1.07
Mississippi	2,598	1,479	195	2,404	0.57	0.07	0.93
Montana	824	576	189	1,114	0.70	0.23	1.35
New Hampshire	977	1,789	435	1,602	1.83	0.44	1.64
North Carolina	6,165	3,784	1,122	5,606	0.61	0.18	0.91
Ohio	10,752	5,048	1,978	12,306	0.47	0.18	1.14
Oregon	2,674	1,695	1,043	2,777	0.63	0.39	1.04
Pennsylvania	11,901	6,240	1,982	13,652	0.52	0.17	1.15
Utah	1,652	569	146	1,019	0.34	0.09	0.62
Vermont	530	476	193	641	0.90	0.36	1.21
Virginia	5,636	3,567	1,224	5,813	0.63	0.22	1.03
Washington	4,349	3,046	1,822	4,361	0.70	0.42	1.00
West Virginia	1,952	663	176	1,765	0.34	0.09	0.90
Wyoming	511	390	79	618	0.76	0.16	1.21
Control States	**68,653**	**41,005**	**13,972**	**72,105**	**0.60**	**0.20**	**1.05**
Total United States	**236,162**	**170,453**	**65,053**	**260,208**	**0.72**	**0.28**	**1.10**

NOTE: Conversion factors for alcohol gallons are Spirits—40%; Wine—12%; Beer—4.6%

[a]Resident population.

SOURCES: DISCUS, Wine Institute; United States Brewers Association; Bureau of Census, U.S. Department of Commerce.

REVENUES, PRICES, AND CONSUMER EXPENDITURES

Total Revenues—Distilled spirit revenues collected by federal, state, and local governments in 1984 totaled $6.9 billion, almost the same as in 1983. Higher tax rates in the states were offset by lower consumption so that the revenue yield was about unchanged. Nearly 52 percent of total government revenues were derived from the $10.50 per proof gallon federal excise tax. Remaining revenues were mostly from state taxes with local taxes accounting for the smallest share (Tables 39 and 40).

Federal Revenues—Direct taxes and import duties on distilled spirits collected by the Federal Government in 1984 totaled $3.6 billion, a decrease of 3.1 percent from 1983 (Table 40). An increase of $2.00 to $12.50 per proof gallon in the federal excise tax is scheduled to take effect October 1985. The excise tax has accounted for most federal revenues.

Import duty rates from 1958 to 1985 are shown in Table 41.

State and Local Revenues—Revenues from taxes levied on spirits by state and local governments increased 3.8 percent between 1983 and 1984 or from $3.17 to $3.30 billion. Increased revenues reflected higher tax rates by states and local governments (Table 39).

Excise tax rates in license states over the years are shown in Table 42. Rates have increased steadily, reaching an average of $3.06 per wine gallon in May 1985 compared with $3.01 in 1983, $2.78 in 1982, $2.59 in 1973, and $1.08 in 1943.

Supplier Prices—Prices for a representative group of distilled spirits sold to wholesalers by distilleries, bottlers, and importers are included in the DISCUS Supplier Price Index. The index increased 0.6 percent in 1984 from 1983 from an index of 135.5 to an index of 136.3 (Table 43).

Consumer Prices—Retail prices of distilled spirits have increased somewhat less than consumer prices as a whole. Whiskey prices at retail increased 30.8% in 1984 from 1977 and other distilled spirits by 22.8 percent. In comparison, the Consumer Price Index for urban consumers (all items) rose 71.4 percent and the index for all food, 57.5 percent (Table 44 and Figure 15). Prices of beer and ale kept pace with food, increasing by 57.9 percent while wine prices increased 43.9 percent.

Consumer Expenditures on Alcohol Beverages—Consumer expenditures on alcohol beverages in 1984 at $66.4 billion increased 5.2 percent over 1983. Expenditures were 110 percent more than in 1974 and 322 percent greater than 1964 (Table 45).

Expenditures for beer were highest of all alcohol beverages at 53.6 percent of total beverage alcohol with spirits accounting for 33.9 percent and wine, 12.5 percent. Wine expenditures showed the most rapid growth, rising in 1984 to 16.5 times their level in 1949 while beer rose about sevenfold and spirits fivefold. Increased expenditures over the years resulted primarily from greater population and higher price levels.

Of the $66.4 billion retail expenditures on alcohol beverages in 1984, $53 billion is estimated for personal consumption and $13 billion for business consumption. Consumption in restaurants, bars, etc., or on-premise outlets is estimated at 37.8 percent of total personal consumption with off-premise consumption (sales in retail stores) accounting for 62.2 percent (1983). In addition, 1984 business expenditures (meetings, conferences, business meals, etc.,) amounted to $13 billion or 19.5 percent of total retail expenditures (Table 46).

Table 47 shows the percentage of on-premise and off-premise sales in control states in 1984, as reported by control state officials. The weighted average on-premise sales for these states was 23 percent with off-premise sales amounting to 77 percent. On-premise sales ranged widely, from none in Utah and 8 percent in Mississippi to 50 percent in Montana.

Figure 13. Total Revenues from Spirits, 1961-1984

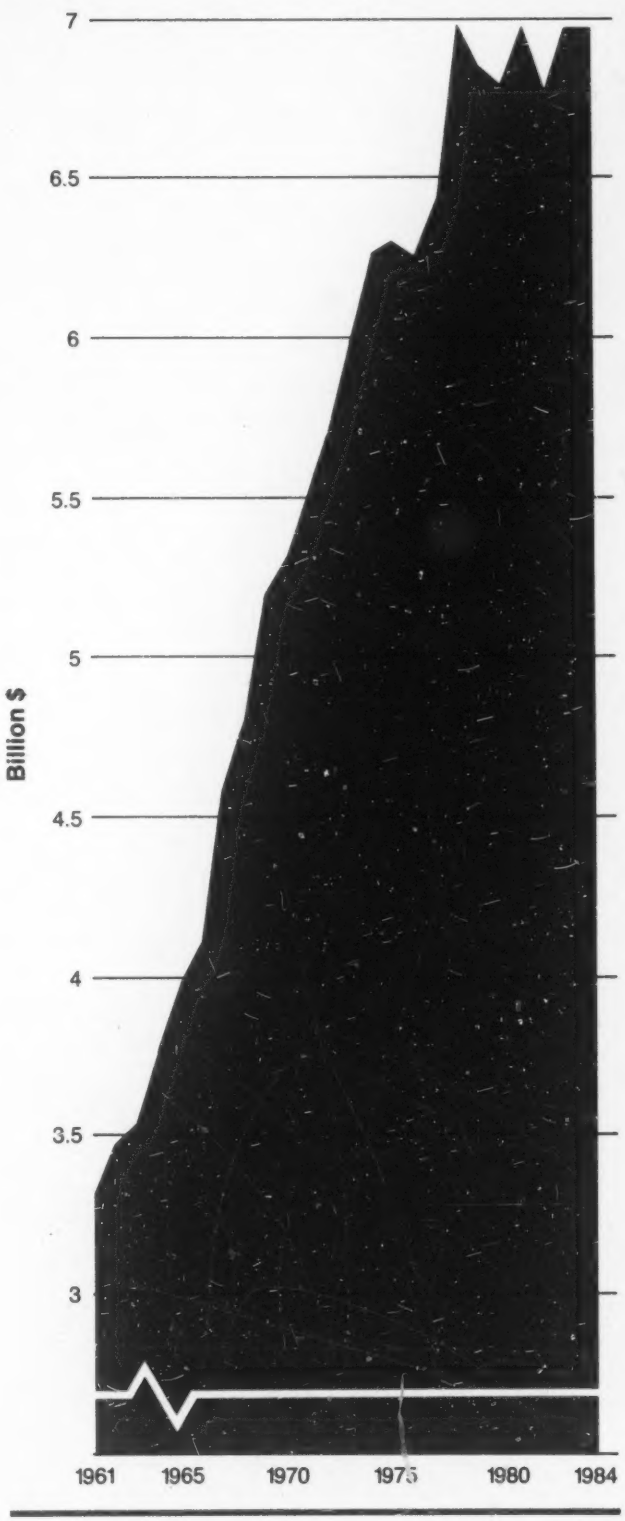


Table 39. Public Revenues from Distilled Spirits of Federal, State and Local Governments in the United States, 1961-1984

($000)

Calendar Year	Federal	State	Local	Total
1961	2,422,058	801,437[a]	88,060[a]	3,311,555
1962	2,523,926	855,720	94,515	3,474,161
1963	2,578,672	859,957[a]	85,674[a]	3,524,303
1964	2,742,278	955,916	95,192	3,793,386
1965	2,858,995	1,058,833	96,280	4,014,108
1966	2,915,777	1,143,393[a]	103,537[a]	4,163,207
1967	3,211,236	1,249,804	113,653	4,574,693
1968	3,286,593	1,398,454	124,677	4,809,724
1969	3,619,018	1,514,246	139,353	5,272,617
1970	3,567,636	1,618,163	145,491	5,331,290
1971	3,657,609	1,709,463	138,928	5,506,000
1972	3,705,094	1,869,080	141,983	5,716,157
1973	3,951,390	1,925,677	152,935	6,030,002
1974	4,029,020	2,089,159	162,568	6,280,747
1975	3,943,550	2,167,021	188,484	6,299,055
1976	3,792,937	2,258,867	199,695	6,251,499
1977	3,892,080	2,347,230	203,669	6,442,979
1978	4,220,597	2,515,069	211,396	6,947,062
1979	4,061,617	2,575,060	216,652	6,853,329
1980	3,885,875	2,665,055	228,740	6,779,670
1981	3,933,087	2,793,756	224,325	6,951,168
1982	3,687,438[r]	2,840,616[r]	237,966[r]	6,766,020[r]
1983	3,756,636	2,936,520[r]	238,006[r]	6,931,162[r]
1984	3,638,943	3,052,577	243,038	6,934,558

[a]Estimated.
[r]Revised.

Sources: Distilled Spirits Council of the United States, Inc.; Internal Revenue Service, U.S. Treasury Department; state and local authorities.

Table 40. United States Federal Tax Collections From Distilled Spirits by Tax Class, 1983 and 1984

($000)

Tax Class	Calendar Year 1984	Calendar Year 1983	Dollar Change	Percentage Change
Federal Excise Taxes From:				
Domestic Spirits	2,717,164	2,827,380	−110,216	−3.9
Puerto Rican Spirits[a]	361,919	316,625	45,294	14.3
Total	3,079,083	3,144,005	−64,922	−2.1
Imported	490,744	535,533	−44,789	−8.4
Total Excise Taxes	3,569,827	3,679,538	−109,711	−3.0
Rectification Taxes[b]	150	81	69	85.2
Occupational Taxes	19,613	19,408[r]	205	1.1
Seizures, Penalties, etc.	7	3	4	133.3
Total Tax Receipts	3,589,598	3,699,031	−109,433	−3.0
Import Duties	49,344	57,604	−8,260	−14.3
Grand Total Federal Collections	**3,638,943**	**3,756,636**	**−117,693**	**−3.1**

NOTE: Because of rounding, detail may not add to total.
[a]Produced and/or bottled in Puerto Rico.
[b]Repealed effective Jan. 1, 1980; revenues reported are from delinquent taxes.
[r]Revised.

Sources: Internal Revenue Service, U.S. Treasury Department, Bureau of the Census, U.S. Department of Commerce.

Table 41. Import Duties on Distilled Spirits, 1958-1985[a]

(Dollars per Tax Gallon)

Class and Type	1958-1961	1962	1963	1964-1967	1968	1969	1970	1971	1972-1973	1974-1975	1976	1977-1979	1980	1981	1982	1983	1984	1985
WHISKEY																		
(Scotch and Irish)	1.25	1.14	1.02	1.02	0.91	0.81	0.71	0.61	0.51	0.51	0.51	0.51	0.47	0.43	0.39	0.35	0.31	0.28
OTHER WHISKEY																		
(Canadian, etc.)	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	0.57	0.53	0.48	0.43	0.39	0.34
RUM	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.70	1.66	1.62	1.57	1.53	1.48
GIN	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BRANDY																		
Pisco and Singani																		
Bottled																		
Value Not Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.57	0.52	0.48	0.43	0.38	0.34
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87	0.78	0.69
Bulk																		
Value Not Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.46	0.42	0.38	0.35	0.31	0.27
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77	0.70	0.62	0.55
Other Brandy (including Slivovitz)																		
Bottled																		
Value Not Over $9/Gal.	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	3.40	3.40	3.40	3.40	3.40	3.40
$9.00 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.25	1.25	—	—	—	—	—	—	—
$9.00 to $13/Gal.	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Over $13 to $17/Gal.	—	—	—	—	—	—	—	—	—	—	3.00	3.00	—	—	—	—	—	—
Over $13/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87	0.78	0.69
Over $17/Gal.	—	—	—	—	—	—	—	—	—	—	5.00	5.00	—	—	—	—	—	—
Bulk																		
Value Not Over $9/Gal.	—	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77	0.70	0.62	0.55
$9.00 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.00	3.00	3.00	—	—	—	—	—	—
Over $17/Gal.	—	—	—	—	—	—	—	—	—	5.00	5.00	5.00	—	—	—	—	—	—
VODKA																		
Bottled																		
Value Not Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56	2.56	2.56	2.56
Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87	0.78	0.69
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25	1.25
TEQUILA																		
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.27	2.27	2.27	2.27	2.27	2.27
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25	1.25
CORDIALS	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BITTERS																		
Fit for Beverage Purposes	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Other	2.50	2.29	2.08	1.88	1.69	1.50	1.31	1.12	0.94	0.94	0.94	0.94	—	—	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	1.04	0.58	0.40	0.38	0.38	0.38
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	0.94	0.58	0.40	0.38	0.38	0.38
ETHYL ALCOHOL for Beverages	2.25	2.25	2.25	2.25	2.02	1.80	1.57	1.35	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
BEVERAGE SPIRITS																		
Arrack	2.50	2.25	2.00	2.00	1.80	1.60	1.40	1.20	1.00	1.00	1.00	1.00	—	—	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.28	2.28	2.28	2.28	2.28	2.28
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.00	1.00	1.00	1.00	1.00	1.00
Aquavit	1.06	0.95	0.85	0.85	0.76	0.68	0.59	0.51	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
OTHER Spirits and Preparations																		
Spirits	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	—	—	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56	2.56	2.56	2.56
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25	1.25
Other	2.50	2.50	2.50	2.50	2.25	2.00	1.75	1.50	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
IMITATIONS of Brandy and Other Spirituous Beverages																		
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	5.75	5.75	5.75	5.75	5.75	5.75
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	2.50	2.50	2.50	2.50

NOTE: For entries before 1980, a tax gallon is defined as a wine gallon or standard gallon (without regard to proof) if shipped in containers of 1.0 gallon or less, and as a proof gallon if shipped in containers of over one gallon. A proof gallon is the alcohol equivalent of one standard gallon at 100°. Before 1980, spirits under 100° proof withdrawn from bond in containers not over one gallon were taxed on a wine gallon instead of proof gallon basis.

[a]Zero duty rates apply to certain countries under the Generalized System of Preferences. For example, tequila in containers over one gallon and certain other spirits imported from these countries enter duty free. Effective Jan. 1, 1984, under the Caribbean Basin Initiative, imports from Caribbean Basin countries (except a few) are eligible to enter U.S. duty free. Also, imports from Least Developed Developing Countries have lower duties for certain spirits. Details for these special tariff rates can be obtained from the International Trade Commission.

Source: U.S. International Trade Commission.

Table 42. Federal and License State[a] Excise Taxes on Distilled Spirits, 1933-1985

(Effective Dates and Dollars per Wine Gallon)

State	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951[b]	1953	1954	1955	1956	1957
Alaska	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arizona	12-5 $0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	10-1 $1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20
Arkansas	—	—	3-16 0.40	0.40	3-11 0.65	4-1 0.80	3-18 1.12	1.12	1.12	1.12	1.12	1.12	6-1 1.50	1.50	2-26 2.52	2.52	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
California	12-5 0.00	0.00	7-1 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	7-1 1.50	1.50	1.50
Colorado	12-5 0.80	0.80	4-12 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
Connecticut	12-5 0.00	0.00	0.00	0.00	7-1 0.60	0.60	7-1 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delaware	12-5 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 1.15	1.15	1.15	1.15	1.15
Dist. of Col.	—	1-24 0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	8-1 0.75	0.75	0.75	0.75	5-19 1.00	1.00	5-1 1.25	1.25
Florida	—	11-6 0.00	5-27 0.80	0.80	6-5 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	7-1 1.92	1.92	1.92	1.92	6-13 2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
Georgia[c]	—	—	—	—	—	2-3 1.00	1.00	1.00	1.00	1.00	1.00	1.00	11-24 4.00	4.00	4.00	4.00	7-30 5.00	5.00	4-2 2.00	2.00	2.00	6-6 3.25	3.25	3.25
Illinois	—	1-31 0.50	0.50	0.50	0.50	0.50	0.50	0.50	7-1 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 1.02
Indiana	12-5 2.00	2.00	3-11 1.00	1.00	1.00	1.00	1.00	1.00	5-1 1.08	1.08	1.08	1.08	5-1 2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
Kansas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3-9 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Kentucky	—	3-17 0.50	0.50	4-30 1.04	1.04	1.04	1.04	3-3 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	6-17 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
Louisiana	—	8-1 0.50	10-1 0.60	0.60	0.60	6-30 1.00	1.00	9-1 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-28 1.58	1.58	1.58	1.58	1.58	1.58	1.58	8-1 1.68	1.68
Maryland	12-5 1.10	1.10	1.10	1.10	1.10	1.10	10-1 1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	7-1 1.50	1.50	1.50
Massachusetts	12-5 0.40	0.40	0.40	0.40	0.40	0.40	9-1 0.95	0.95	0.95	0.95	0.95	0.95	8-1 1.45	1.45	7-1 2.00	2.00	7-1 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Minnesota	—	1-8 0.60	0.60	0.60	7 30 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 2.50	2.50	7-1 2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Missouri	—	1-13 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Nebraska	—	—	5-24 0.50	0.50	4-2 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	5-31 1.00	1.00	1.00	1.00	8-26 1.20	1.20	1.20	1.20	1.20	1.20
Nevada	—	—	5-1 0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	7-1 0.60	0.60	7-1 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
New Jersey	12-5 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	3-21 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
New Mexico	12-5 0.00	6-1 0.80	0.80	0.80	3-17 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	6-8 1.30	1.30	1.30	1.30	1.30	1.30
New York	12-5 1.00	1.00	1.00	1.00	1.00	1.00	5-10 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
North Dakota	—	—	—	12-3 0.60	0.60	0.60	0.60	0.60	0.60	0.60	3-9 1.70	1.70	1.70	1.70	1.70	1.70	4-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Oklahoma	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island	12-5 0.50	0.50	0.50	0.50	7-1 0.75	0.75	3-15 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	5-1 1.50	1.50	1.50	1.50	1.50	1.50
South Carolina	—	—	5-14 0.80	0.80	5-18 0.96	0.96	7-1 1.28	1.28	7-1 1.92	1.92	1.92	1.92	7-1 2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
South Dakota	—	—	3-14 0.50	0.50	7-1 0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Tennessee	—	—	—	—	—	—	4-1 0.70	0.70	0.70	0.70	1-23 1.00	1.00	1.00	1.00	2-28 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Texas	—	—	11-15 0.80	10-31 0.96	0.96	0.96	0.96	0.96	5-1 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	3-1 1.408	1.408	1.408	1.408	1.408	1.408	1.408
Wisconsin	12-5 0.00	1-12 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-25 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
No. of States	13	20	26	27	27	28	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30
No. of Rate Changes	—	2	5	2	9	2	7	2	4	0	2	0	7	1	8	2	8	1	4	1	1	3	2	1
State Average (per wine gal.)	$0.66	$0.67	$0.70	$0.74	$0.85	$0.88	$0.96	$0.98	$1.03	$1.03	$1.08	$1.08	$1.31	$1.32	$1.52	$1.53	$1.61	$1.61	$1.54	$1.54	$1.54	$1.63	$1.64	$1.64
Federal Tax (per proof gal.)	12-5 $1.10	1-12 $2.00	$2.00	$2.00	$2.00	7-1 $2.25	$2.25	7-1 $3.00	10-1 $4.00	11-1 $6.00	$6.00	4-1 $9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	11-1 $10.50	$10.50	$10.50	$10.50	$10.50	$10.50

[a] Excludes Hawaii, which has had a 20% ad valorem excise tax since 1959.
[b] No excise tax rate changes for 1952, 1960, 1965, 1980, and 1982.
[c] "State warehouse charge" per gallon: $3 from 11/24/45; $4 from 7/30/49; $1 from 4/2/51; $2.25 from 6/6/65; abolished 3/1/64.
[d] Tax rate changes in Colorado, Georgia, and New Mexico due to conversion to metric rates.
[e] Temporary tax increase from $2.50 to $2.875, 5/1/83 through 11/7/83.
[f] As of May 1985.
[g] The federal excise tax on distilled spirits has been raised to $12.50 per proof gallon, effective Oct. 1, 1985.
Sources: Legislative reports of the states.

1958	1959[b]	1961	1962	1963	1964[b]	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979[b]	1981[b]	1983	1984/85[f]	State
—	$3.50	7-1 $4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	8-1 $5.60	$5.60	Alaska
1.20	1.20	1.20	3-28 1.44	1.44	1.44	1.44	1.44	3-22 2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	7-1 3.00	Arizona
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	11-7 2.50[e]	2.50	Arkansas
1.50	1.50	1.50	1.50	1.50	1.50	1.50	8-16 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	California
1.60	7-1 1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	7-1 2.16	2.16	2.16	2.16	7-1 2.28	2.28	2.28	Colorado
1.00	1.00	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	8-1 3.00	3.00	Connecticut
1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	7-1 1.65	1.65	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Delaware
1.25	1.25	1.25	4-1 1.50	1.50	1.50	11-1 1.75	1.75	1.75	12-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4-18 1.50	1.50	1.50	1.50	1.50	Dist. of Col.
2.17	2.17	2.17	2.17	8-1 2.50	2.50	2.50	7-6 2.52	6-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 4.75	4.75	4.75	4.75	9-1 6.50	6.50	Florida
3.25	3.25	3.25	3.25	3.25	3-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 3.79	3.79	3.79	Georgia[c]
1.02	8-1 1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	8-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Illinois
2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	10-1 2.28	2.28	2.28	2.28	7-1 2.62	2.62	2.62	9-1 2.68	2.68	2.68	Indiana
1.00	1.00	6-1 1.20	1.20	1.20	4-1 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 2.50	2.50	2.50	2.50	2.50	2.50	Kansas
1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	7-1 1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	Kentucky
1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	9-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Louisiana
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	Maryland
2.25	2.25	2.25	2.25	2.25	2.25	3-3 2.95	2.95	2.95	8-1 3.36	3.36	3.36	3.36	3.36	3.36	7-1 4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	Massachusetts
2.75	7-1 2.875	2.875	2.875	2.675	2.875	2.875	2.875	2.875	7-1 3.63	3.63	10-31 4.53	4.53	8-1 4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	Minnesota
0.80	0.80	5-1 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Missouri
1.20	1.20	1.20	1.20	6-3 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	7-6 2.00	2.00	2.00	2.00	2.00	6-1 2.25	2.25	9-1 2.50	8-30 2.75	2.75	2.75	Nebraska
0.80	0.80	5-1 1.40	1.40	1.40	1.40	1.40	1.40	1.40	7-1 1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	7-1 2.05	2.05	2.05	Nevada
1.50	1.50	1.50	1.50	6-1 1.80	1.80	1.80	1.80	1.80	6-1 2.30	2.30	2.30	7-1 2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	New Jersey
1.30	1.30	1.30	1.30	6-7 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 1.63	7-1 3.94	3.94	New Mexico
1.50	1.50	1.50	1.50	4-1 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2-1 3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	5-1 4.09	4.09	New York
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	North Dakota
—	6-23 2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	8-1 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4-21 5.00	Oklahoma
6-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Rhode Island
2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	South Carolina
0.75	0.75	0.75	0.75	7-1 1.25	1.25	1.25	1.25	1.25	1.25	1.25	7-1 3.00	7-1 3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	7-1 3.80	3.80	3.80	South Dakota
2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	5-26 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	Tennessee
1.408	9-1 1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	10-2 2.40	Texas
2.00	2.00	2.00	2.00	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	11-1 2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	8-1 3.25	3.25	3.25	Wisconsin
30	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	No. of States
1	4	5	2	8	2	2	3	2	9	2	7	4	2	1	1	1	4	1	1	8[d]	6[g]	3	No. of Rate Changes
$1.65	$1.77	$1.85	$1.87	$1.97	$1.99	$2.03	$2.09	$2.14	$2.28	$2.33	$2.53	$2.59	$2.59	$2.60	$2.63	$2.64	$2.72	$2.70	$2.71	$2.78	$3.01	$3.06	State Average (per wine gal.)
$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50[g]	Federal Tax (per proof gal.)

Figure 14. Federal, State, and Local Revenue per Gallon of Distilled Spirits Since Repeal
(Dollars per Gallon)

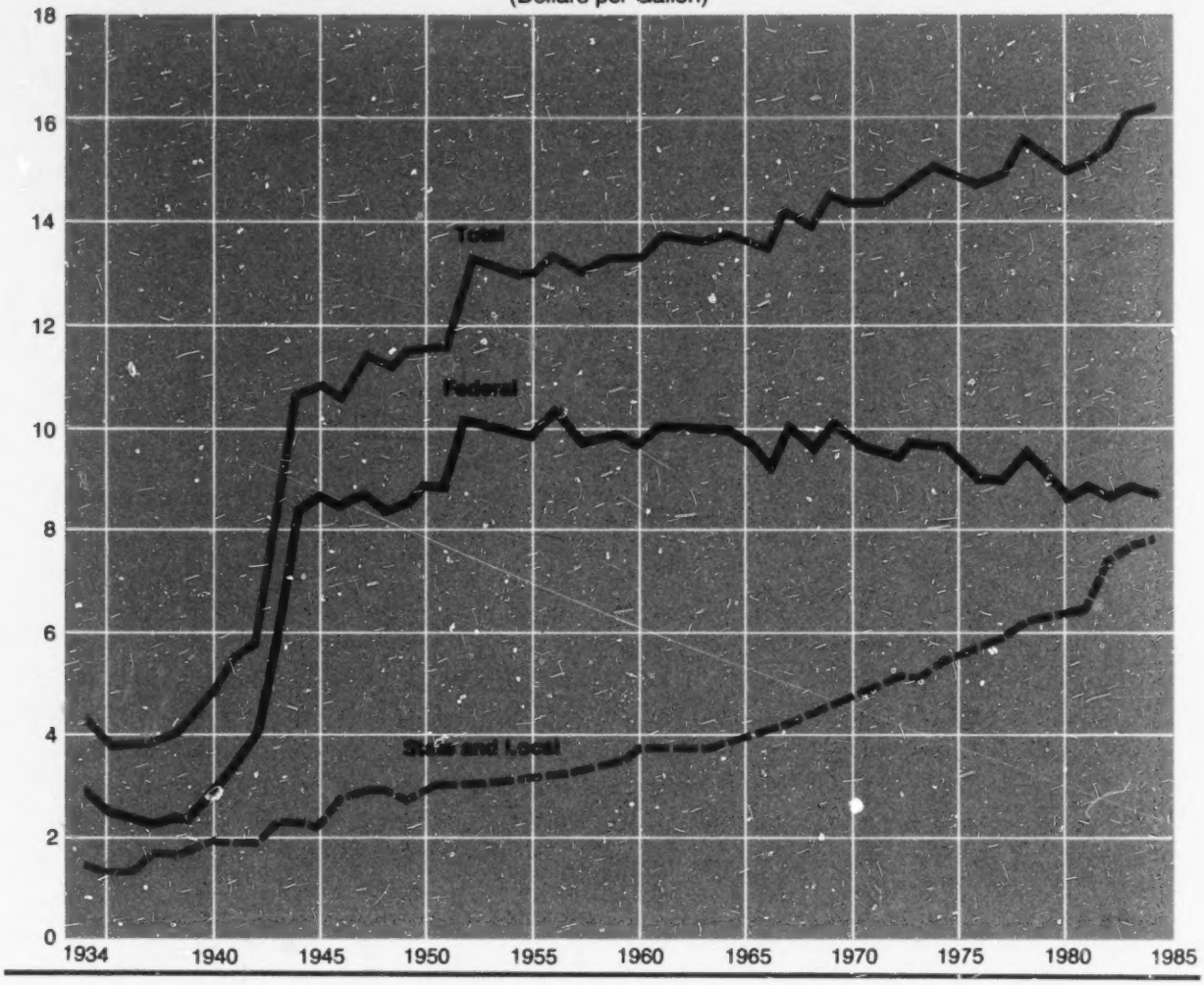


Table 43. Value Added per Employee-Hour, Distilled Spirits and All Manufacturing and Supplier Price Indices, 1967-1984

Calendar Year	Value Added per Employee-Hour		Supplier Price Indices (1967 = 100)						
	Distilled Spirits $	All Manufacturing $	All Distilled Spirits	Domestic Distilled Spirits	Imported Distilled Spirits	All Whiskey	Domestic Whiskey	Imported Whiskey	All Non-whiskey
1967	23.09	9.41	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	26.13	10.12	100.1	100.1	100.1	100.1	100.1	100.1	100.1
1969	27.88	10.70	100.4	100.6	100.3	100.3	100.5	100.2	100.6
1970	28.25	11.26	101.0	101.3	100.4	100.8	101.4	100.2	101.3
1971	32.30	12.43	102.0	102.5	101.1	101.6	102.2	100.9	102.7
1972	35.80	13.26	102.8	103.0	102.6	102.3	102.5	102.1	103.9
1973	36.50	14.40	103.5	103.5	103.4	102.7	102.9	102.4	105.0
1974	39.56	16.60	105.2	104.3	106.6	104.4	103.4	105.4	106.5
1975	43.10	18.38	108.4	107.4	110.1	107.8	106.6	108.9	109.5
1976	45.87	20.17	109.4	108.7	110.7	108.4	107.8	109.0	111.3
1977	48.31	21.93	110.7	109.7	112.2	109.3	108.2	110.4	113.2
1978	55.19	23.75	114.3	113.1	116.2	112.8	111.4	114.2	116.8
1979	67.16	26.39	118.2	116.3	121.4	117.3	115.2	119.3	119.9
1980	84.05	27.20	122.8	119.7	127.4	122.7	119.6	124.9	123.0
1981'	84.42	31.90	129.1	124.9	135.2	128.5	124.4	131.3	129.8
1982'	81.12	NA	132.5	127.9	139.2	132.2	127.5	135.4	132.8
1983'	NA	NA	135.5	130.3	143.1	135.3	130.2	138.8	135.8
1984	NA	NA	136.3	130.9	144.1	135.8	130.1	139.7	136.9

NA: Not available.
' Revised.
Sources: Value Added: Bureau of the Census, U.S. Department of Commerce; Supplier Price Index: Distilled Spirits Council of the United States, Inc.

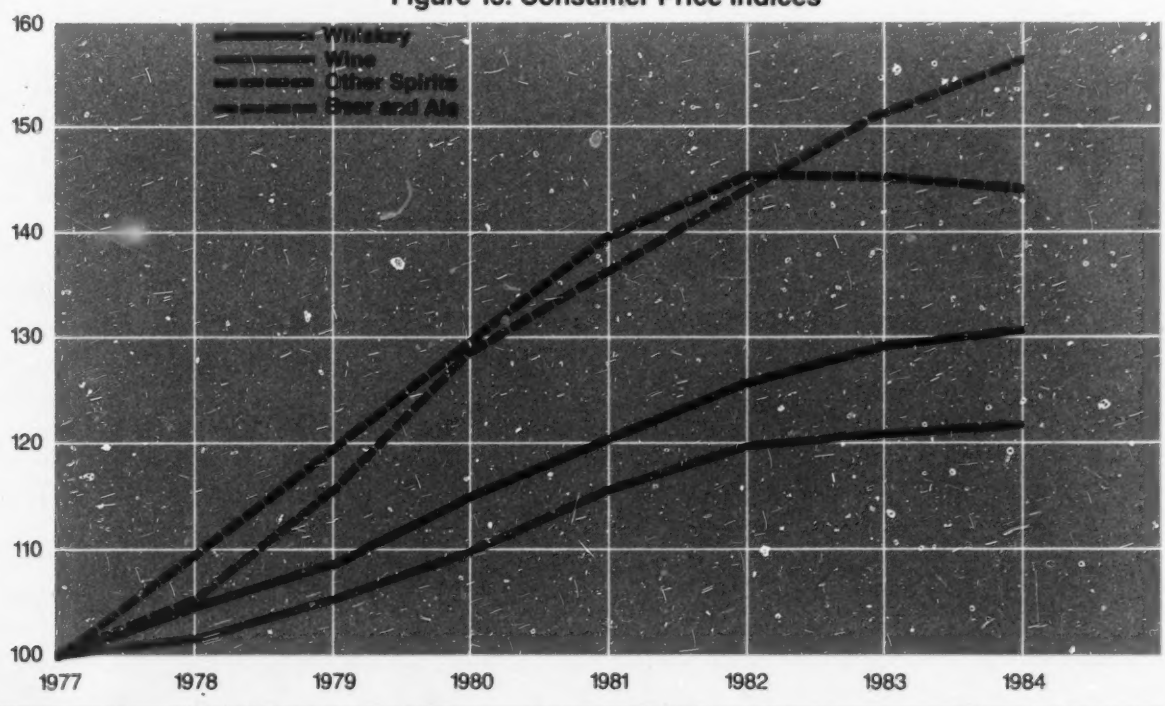
Table 44. Consumer Price, Industrial Production, and Distilled Spirit Indices, 1967-1984

	Consumer Price Index 1977 = 100						Index of Industrial Production 1967 = 100			Distilled Spirits Indices 1967 = 100	
Year	All Items[1]	All Food[1]	Whiskey[1]	Other Distilled Spirits[2]	Wine[1]	Beer and Ale[1]	Total	Non Durables	Food	Apparent Consumption	Domestic Bottling
1967	55.1	52.0	85.1	—	61.8	68.5	100.0	100.0	100.0	100.0	100.0
1968	57.4	53.9	86.3	—	64.1	70.5	106.3	106.2	102.6	106.9	102.4
1969	60.5	56.7	87.2	—	66.8	72.2	111.1	111.5	106.1	111.7	108.8
1970	64.1	59.8	89.4	—	72.1	74.6	107.8	112.3	108.9	114.4	109.4
1971	66.8	61.6	90.6	—	75.5	77.4	109.6	116.6	112.8	118.1	113.8
1972	69.0	64.3	92.4	—	78.4	78.1	119.7	126.5	116.8	121.6	118.1
1973	73.3	73.6	92.9	—	83.5	79.2	129.8	133.8	120.9	125.6	118.7
1974	81.4	84.1	94.4	—	91.0	86.9	129.3	134.6	124.0	128.8	123.7
1975	88.8	91.3	97.1	—	95.1	96.2	117.8	126.4	123.4	130.7	130.6
1976	93.9	94.1	98.7	—	97.2	98.5	130.5	141.8	133.0	131.6	126.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	138.2	150.5	138.8	133.2	128.6
1978	107.7	110.0	104.1	102.1	109.7	105.6	146.1	156.9	142.7	136.9	137.1
1979	119.8	122.0	108.3	105.3	119.6	116.5	152.5	164.0	147.5	138.1	138.1
1980	136.0	132.5	115.2	109.9	130.0	128.5	147.0	161.2	149.6	138.7	131.0
1981	150.1	142.9	121.7	115.9	139.7	137.8	151.0	164.8	152.1	138.7	134.9
1982	159.3	148.6	126.5	119.3	145.7	144.3	133.6	156.2	151.1	135.1	130.5
1983	164.4	151.8	129.3	121.6	145.8	152.6	147.6	168.1	156.4	133.1	129.2
1984	171.4	157.5	130.8	122.8	143.9	157.9	163.5	179.8	163.7	131.5	126.5

[1]U.S. Department of Labor CPI indices for *All Items*, *Food*, *Whiskey*, *Wine*, and *Beer and Ale* (1967 = 100) have been recalculated on a 1977 base (1977 = 100).
[2]Alcohol beverages other than beer, whiskey, and wine at home, based on prices of selected brands of gin, vodka, rum, brandy, tequila, and liqueurs.

Sources: Bureau of Labor Statistics, U.S. Department of Labor; Federal Reserve Board; DISCUS.

Figure 15. Consumer Price Indices[1]



[1]Recalculated on 1977 base (1977 = 100). Source: Bureau of Labor Statistics, U.S. Department of Labor.

Table 45. Estimated U.S. Retail Expenditures on Alcohol Beverages by Type, 1949-1984

Year	Value				Shares		
	Total	Spirits	Wine	Beer	Spirits	Wine	Beer
		(Millions of Dollars)			(Percentage of Total)		
1949	8,670	3,690	500	4,480	42.6	5.8	51.7
1950	8,980	3,955	551	4,474	44.0	6.1	49.8
1951	9,465	4,320	522	4,623	45.6	5.5	48.8
1952	10,158	4,410	560	5,188	43.4	5.5	51.1
1953	10,450	4,545	533	5,372	43.5	5.1	51.4
1954	10,510	4,600	580	5,330	43.8	5.5	50.7
1955	10,910	4,835	597	5,478	44.3	5.5	50.2
1956	11,450	5,230	577	5,643	45.7	5.0	49.3
1957	11,810	5,490	664	5,656	46.5	5.6	47.9
1958	12,040	5,615	705	5,720	46.6	5.9	47.5
1959	12,610	5,920	737	5,953	47.0	5.8	47.2
1960	13,010	6,185	751	6,074	47.5	5.8	46.7
1961	13,540	6,360	819	6,361	47.0	6.1	47.0
1962	14,225	6,900	803	6,522	48.5	5.6	45.9
1963	14,830	7,300	835	6,695	49.2	5.6	45.1
1964	15,705	7,770	875	7,060	49.5	5.6	45.0
1965	16,400	8,276	891	7,233	50.5	5.4	44.1
1966	17,408	8,784	915	7,709	50.5	5.3	44.3
1967	18,025	9,148	1,088	7,789	50.8	6.0	43.2
1968	19,700	10,063	1,199	8,437	51.1	6.1	42.8
1969	21,275	10,742	1,390	9,143	50.5	6.5	43.0
1970	23,336	11,470	1,746	10,120	49.2	7.5	43.4
1971	25,226	12,108	2,130	10,988	48.0	8.4	43.6
1972	27,303	13,113	2,505	11,686	48.0	9.2	42.8
1973	29,274	13,864	2,790	12,620	47.4	9.5	43.1
1974	31,558	14,279	3,012	14,266	45.3	9.6	45.2
1975	34,052	14,698	3,287	16,066	43.2	9.7	47.2
1976	36,716	15,679	3,603	17,433	42.7	9.8	47.5
1977	39,658	16,606	3,987	19,066	41.9	10.1	48.1
1978	42,931	17,565	4,625	20,741	40.9	10.8	48.3
1979	48,242	18,729	5,352	24,161	38.8	11.1	50.1
1980	53,473	19,845	6,246	27,382	37.1	11.7	51.2
1981	57,974	20,389	7,059	30,026	36.0	12.2	51.8
1982[r]	60,092	21,215	7,484	31,394	35.3	12.5	52.2
1983[r]	63,084	21,680	7,750	33,650	34.4	12.3	53.3
1984[a]	66,354	22,505	8,260	35,590	33.9	12.4	53.6

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[r]Revised.
Source: See table 46. Expenditures for each beverage type based on previous year's share and adjusted for changes of consumption and price.

Table 46. Alcohol Beverage Expenditures for Personal and Business Consumption, 1959-1984

(Millions of Dollars)

Year	For Personal Consumption			For Business Consumption	Total Retail Expenditures
	On-Premise	Off-Premise	Total		
1959	4,075	6,317	10,392	2,218	12,610
1960	4,189	6,452	10,461	2,549	13,010
1961	4,350	6,525	10,875	2,665	13,540
1962	4,594	6,959	11,553	2,672	14,225
1963	4,828	7,242	12,070	2,760	14,830
1964	4,984	7,574	12,558	3,147	15,705
1965	5,210	7,895	13,105	3,295	16,400
1966	5,553	8,428	13,981	3,428	17,409
1967	5,861	8,791	14,652	3,348	18,000
1968	6,254	9,800	16,054	3,645	19,699
1969	6,437	10,944	17,381	3,893	21,274
1970	6,977	12,257	19,234	4,101	23,335
1971	7,079	13,714	20,793	4,433	25,226
1972	7,687	14,818	22,505	4,797	27,302
1973	8,480	15,739	24,219	5,054	29,273
1974	9,069	17,165	26,234	5,323	31,557
1975	9,917	18,466	28,383	5,668	34,051
1976	10,713	19,423	30,136	6,580	36,716
1977	11,782	20,691	32,473	7,184	39,657
1978	12,886	22,044	34,930	8,001	42,931
1979	14,512	24,814	39,326	8,915	48,241
1980	16,159	27,742	43,901	9,571	53,472
1981	17,569	29,862	47,431	10,543	57,974
1982[r]	18,162	31,137	49,299	10,793	60,092
1983[r]	19,445	31,969	51,414	11,670	63,084
1984[a]	NYA	NYA	53,400	12,954	66,354

[a]Preliminary.
[r]Revised.
NYA—Not yet available.

Source: On-premise, off-premise expenditures, *Survey of Current Business*, U.S. Department of Commerce, Bureau of Economic Analysis. Business expenditures for 1959-1967 estimated by U.S. Department of Commerce, Bureau of Economic Analysis. Business expenditures for 1968-1984 estimated by DISCUS.

Table 47. Estimated Percentage of On- and Off-Premise Spirit Sales in Control States, 1983 and 1984

State	1984		1983	
	Off Premise	On Premise	Off Premise	On Premise
	Percentage		Percentage	
Alabama	91	9	91	9
Idaho	68	32	70	30
Iowa	66	34	66	34
Maine	85	15	79	21
Michigan	78	22	78	22
Mississippi	92	8	91	9
Montana[a]	50	50	43	57
New Hampshire	90	10	89	11
North Carolina	91	9	92	8
Ohio	66	34	67	33
Oregon	71	29	71	29
Pennsylvania	67	33	67	33
Utah	100	0	100	0
Vermont	71	29	74	26
Virginia	87	13	88	12
Washington[b]	69	31	69	31
West Virginia	85	15	83	17
Wyoming	73	27	71	29
Weighted Average	**77**	**23**	**77**	**23**

[a]On-premise sales in Montana may be less than shown because package sales are made by on-premise outlets.
[b]Excludes military sales.

Source: Information provided by control state officials.

STATE AND LOCAL CONTROLS

Local Option—The choice of whether to permit or prohibit the local sale of distilled spirits, wine, or beer in 39 states has been decided by balloting of local voters in counties or other local jurisdictions on the basis of laws or state constitutional provisions adopted after the repeal of Prohibition in 1933. Eleven states allow sales of alcohol beverages statewide and do not have local options.

Sales of distilled spirits in 1984 were legal in 2,660 of the 3,073 counties or similar political divisions of the United States (Table 49). These so called "wet"[1] counties had 97.6 percent of the total U.S. population in 1984 (Table 48). Sales of spirits were banned in 413 "dry" counties except for sales by private clubs in certain counties.

Local option in 1984 changed from dry to wet in one county in Alabama with a population of 22,000. Two counties (Todd County in South Dakota and Deaf Smith County in Texas) changed from wet to dry with a total population of 27,000 (Table 51).

Retail Outlets—Licenses issued by state and local government authorities to retail outlets for the sale of distilled spirits have about kept pace with the increase of the U.S. population. Licenses issued per thousand population in 1984 were about unchanged from 1983; 281,590 licenses were issued, 165,721 for on-premise sales and 60,418 for off-premise sales. The number of licenses issued approximates retail outlets in each state (Table 50).

Legal Age—The legal minimum age for purchasing distilled spirits has varied from state to state, ranging from 18 to 21 as shown in Table 52. Table 53 shows the number of states with minimum drinking ages of 18, 19, 20, and 21 years in 1975, 1980, 1984, and 1985.

In 1984, three states raised the minimum legal drinking ages for distilled spirits to 21. Wisconsin raised the legal minimum age from 18 to 19. Between January and July 1985 11 states passed laws to increase the legal age to 21. Most other states with legal ages of less than 21 are expected to follow by raising the age to 21 as a result of federal legislation that links transfer of federal highway funds to states that have a minimum drinking age of 21.

States with a minimum drinking age of 21 for distilled spirits numbered 36 as of July 1, 1985, and with those slated to raise the age to 21 in 1985 and 1986 numbered 41 compared with 24 in 1975. Sales to persons under age 21 will still be permitted in nine states and the District of Columbia by 1986 unless new legislation is adopted.

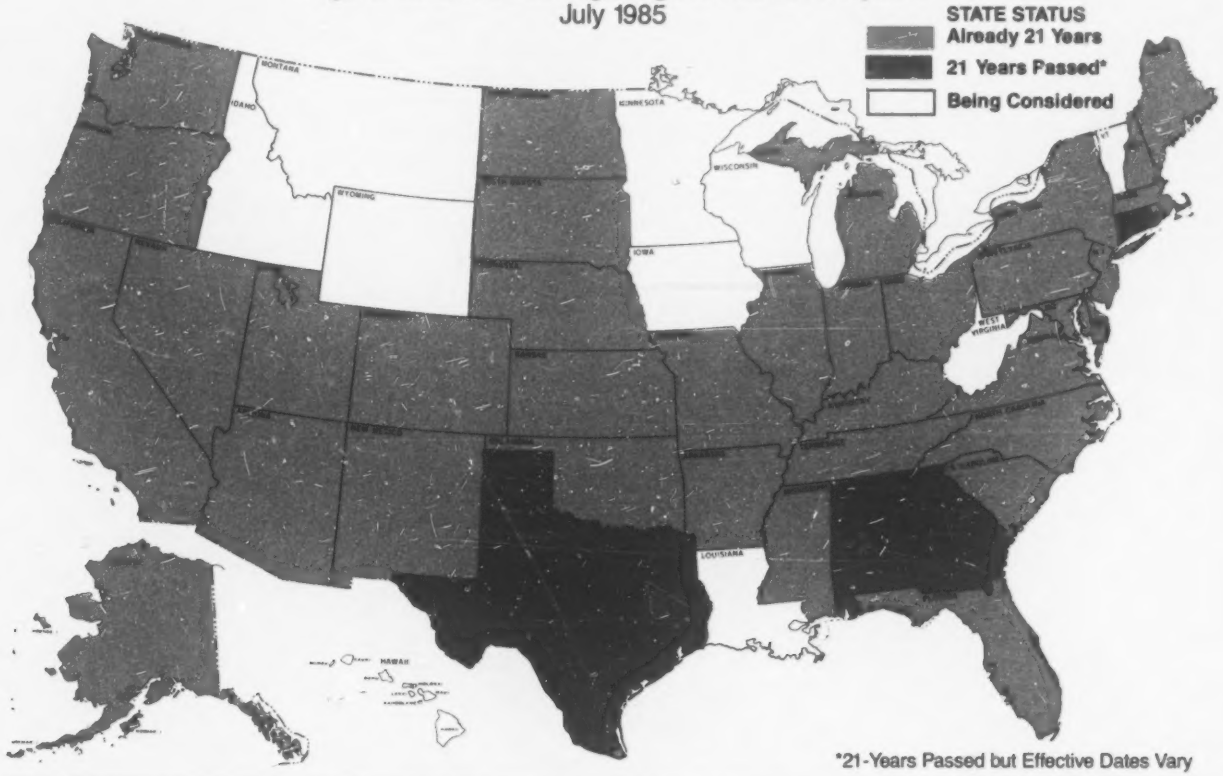
The number of eligible drinkers in states with a drinking age *under 21*, which would be subject to possible minimum age legislation, was 49 million in July 1985.

The total legal age population for purchases of spirits increased to 164 million in July 1985 from 162.4 in January 1984. The increase resulted from rising population, which offset raising of the legal age in certain states.[2]

[1]Jurisdictions that allow sales only in private clubs but not elsewhere are *not* classified as wet.

[2]Grandfather clauses in drinking age legislation of some states temporarily increased the number of persons eligible to drink to more than 164 million.

Figure 16. Minimum Legal Age for Distilled Spirits
July 1985



*21-Years Passed but Effective Dates Vary

Table 48. Wet[a] and Dry[b] Population for Consumption of Distilled Spirits by State, 1984

(000)

State	Total Population	Wet[a] Population	Percentage Wet	Dry[b] Population	Percentage Dry
United States Total	**236,161**	**230,552**	**97.6**	**5,609**	**2.4**
Alabama	3,990	2,962	74.2	1,028	25.8
Alaska	500	500	100.0		
Arizona	3,053	3,053	100.0		
Arkansas	2,349	1,585	67.5	764	32.5
California	25,622	25,622	100.0		
Colorado	3,178	3,178	100.0		
Connecticut	3,154	3,154	100.0		
Delaware	613	613	100.0		
District of Columbia	623	623	100.0		
Florida	10,976	10,827	98.6	149	1.4
Georgia	5,837	4,966	85.1	871	14.9
Hawaii	1,039	1,039	100.0		
Idaho	1,001	1,001	100.0		
Illinois	11,511	11,511	100.0		
Indiana	5,498	5,498	100.0		
Iowa	2,910	2,910	100.0		
Kansas	2,438	2,434	99.98	4	0.2
Kentucky	3,723	2,326	62.5	1,397	37.5
Louisiana	4,462	4,330	97.0	132	3.0
Maine	1,156	1,156	100.0		
Maryland	4,349	4,349	100.0		
Massachusetts	5,798	5,798	100.0		
Michigan	9,075	9,075	100.0		
Minnesota	4,162	4,162	100.0		
Mississippi	2,598	1,950	75.1	648	24.9
Missouri	5,008	5,008	100.0		
Montana	824	824	100.0		
Nebraska	1,606	1,605	99.9	1	0.1
Nevada	911	911	100.0		
New Hampshire	977	977	100.0		
New Jersey	7,515	7,515	100.0		
New Mexico	1,424	1,424	100.0		
New York	17,735	17,735	100.0		
North Carolina	6,165	6,070	98.5	95	1.5
North Dakota	686	686	100.0		
Ohio	10,752	10,752	100.0		
Oklahoma	3,298	3,298	100.0		
Oregon	2,674	2,674	100.0		
Pennsylvania	11,901	11,901	100.0		
Rhode Island	962	962	100.0		
South Carolina	3,300	3,300	100.0		
South Dakota	706	695	98.4	11	1.6
Tennessee	4,717	4,463	94.6	254	5.4
Texas	15,989	15,911	99.5	78	0.5
Utah	1,652	1,652	100.0		
Vermont	530	530	100.0		
Virginia	5,636	5,468	97.0	168	3.0
Washington	4,349	4,349	100.0		
West Virginia	1,952	1,943	99.5	9	0.5
Wisconsin	4,766	4,766	100.0		
Wyoming	511	511	100.0		

NOTE: Compiled from county population estimates for July 1, 1984, based on wet and dry status as of Dec. 31, 1984.

[a]Fully or partially wet counties.

[b]In some counties, spirits are permitted to be sold in private clubs.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 49. Legal Age to Purchase Distilled Spirits* and Number of Counties or Other Political Subdivisions Permitting and Prohibiting Sale, by State, 1984

State	Legal Age	Number of Counties/Political Subdivisions					
		Permitting Sale				Prohibiting Sale	Total
		By Package or Drink	By Package Only	Without Outlets	Total		
Alabama	19	41	—	—	41	26	67
Alaska[a]	21	4	—	—	4	—	4
Arizona	21	15	—	—	15	—	15
Arkansas	21	28	3	—	31	44[g]	75
California	21	58	—	—	58	—	58
Colorado	21	63	—	—	63	—	63
Connecticut	20	8	—	—	8	—	8
Delaware	21	3	—	—	3	—	3
Florida	21	56	4	—	60	7	67
Georgia	19	43	62	2	107	52	159
Hawaii	18	4	—	—	4	—	4
Idaho	19	43	1	—	44	—	44
Illinois	21	102	—	—	102	—	102
Indiana	21	92	—	—	92	—	92
Iowa	19	99	—	—	99	—	99
Kansas	21	95	4	—	99	6[h]	105
Kentucky	21	21	21	1	43	77	120
Louisiana[b]	18	59	2	—	61	3	64
Maine	21	16	—	—	16	—	16
Maryland[c]	21	23	—	—	23	—	23
Massachusetts	21	14	—	—	14	—	14
Michigan	21	83	—	—	83	—	83
Minnesota	19	87	—	—	87	—	87
Mississippi	21	39	9	2	50	32	82
Missouri[d]	21	98	16	—	114	—	114
Montana	19	56	—	—	56	—	56
Nebraska	21	91	1	—	92	1	93
Nevada	21	16	—	—	16	—	16
New Hampshire	21	10	—	—	10	—	10
New Jersey	21	21	—	—	21	—	21
New Mexico	21	32	—	—	32	—	32
New York[e]	19	62	—	—	62	—	62
North Carolina	21	22	71	1	94	6	100
North Dakota	21	53	—	—	53	—	53
Ohio	21	87	1	—	88	—	88
Oklahoma	21	77	—	—	77	—	77
Oregon	21	36	—	—	36	—	36
Pennsylvania	21	67	—	—	67	—	67
Rhode Island	21	5	—	—	5	—	5
South Carolina	21	44	2	—	46	—	46
South Dakota	21	64	—	—	64	3	67
Tennessee	21	32	3	1	36	59[i]	95
Texas	19	152	12	—	164	90[i]	254
Utah	21	24	5	—	29	—	29
Vermont	18	14	—	—	14	—	14
Virginia[f]	21	60	27	3	90	5	95
Washington	21	39	—	—	39	—	39
West Virginia	19	51	2	—	53	2[k]	55
Wisconsin	19	71	—	1	72	—	72
Wyoming	19	23	—	—	23	—	23
Total		**2,403**	**246**	**11**	**2,660**	**413**	**3,073**

[a]Political subdivisions only—no counties.
[b]Parishes.
[c]Does not include independent city of Baltimore, which permits legal sales.
[d]Does not include independent city of St. Louis, which permits legal sales.
[e]New York data are for 1981.
[f]Does not include 37 independent cities: 4 of which permit legal package sales and 33 of which authorize by drink or package and drink. Data for 1983.
[g]Thirty-one of these counties are legally dry but permit sales by private clubs.
[h]Five of these counties are legally dry but permit sale by private clubs.
[i]Thirty-six of these counties are legally dry but permit sale by private clubs.
[j]Seventy of these counties are legally dry but permit sale by private clubs.
[k]One county is legally dry but permits sale by private clubs.
*Legal minimum age, July 1985.

Table 50. Number of Retail Outlets or Licenses Issued for the Sale of Distilled Spirits, Number of Outlets/Licenses per 1,000 Population, and Number of Persons per Outlet/License, 1984

State	Number of Outlets/Licenses				Total Population July 1, 1984 (000)	Number of Outlets/Licenses per 1,000 Population				Number of Persons per Outlet/License			
	On-Premise	Off-Premise	On- and Off-Premise	Total Licenses		On-Premise	Off-Premise	On- and Off-Premise	Total Licenses	On-Premise	Off-Premise	On- and Off-Premise	Total Licenses
LICENSE STATES													
Alaska	1,122	482	—	1,604	500	2.24	0.96	—	3.21	446	1,037	—	312
Arizona	1,398	1,423	1,546	4,367	3,053	0.46	0.47	0.51	1.43	2,184	2,145	1,975	699
Arkansas	633	669	—	1,302	2,349	0.27	0.28	—	0.55	3,711	3,511	—	1,804
California	14,775	11,619	—	26,394	25,622	0.58	0.45	—	1.03	1,734	2,205	—	971
Colorado	4,154	1,436	—	5,590	3,178	1.31	0.45	—	1.76	765	2,213	—	569
Connecticut	3,813	1,793	—	5,606	3,154	1.21	0.57	—	1.78	827	1,759	—	563
Delaware	451	291	185	927	613	0.74	0.47	0.30	1.51	1,359	2,107	3,314	661
District of Columbia	695	338	—	1,033	623	1.12	0.54	—	1.66	896	1,843	—	603
Florida	1,339	701	6,296	8,336	10,976	0.12	0.06	0.57	0.76	8,197	15,658	1,743	1,317
Georgia	1,960	1,760	—	3,720	5,837	0.34	0.30	—	0.64	2,978	3,316	—	1,569
Hawaii	1,124	807	—	1,931	1,039	1.08	0.78	—	1.86	924	1,287	—	538
Illinois	—	—	20,587	20,587	11,511	—	—	1.79	1.79	—	—	559	559
Indiana	1,194	1,515	3,518	6,227	5,498	0.22	0.28	0.64	1.13	4,605	3,629	1,563	883
Kansas	1,283	1,084	—	2,367	2,438	0.53	0.44	—	0.97	1,900	2,249	—	1,030
Kentucky	1,276	957	80	2,313	3,723	0.34	0.26	0.02	0.62	2,918	3,890	46,538	1,610
Louisiana	6,768	3,351	—	10,119	4,462	1.52	0.75	—	2.27	659	1,332	—	441
Maryland	605	1,043	3,311	4,959	4,349	0.14	0.24	0.76	1.14	7,188	4,170	1,314	877
Massachusetts	6,171	1,799	—	7,970	5,798	1.06	0.31	—	1.37	940	3,223	—	727
Minnesota	1,925	578	929	3,432	4,162	0.46	0.14	0.22	0.82	2,162	7,201	4,480	1,213
Missouri	—	4,087	4,293	8,380	5,008	—	0.82	0.86	1.67	—	1,225	1,167	598
Nebraska	454	582	2,014	3,050	1,606	0.28	0.36	1.25	1.90	3,537	2,759	797	527
Nevada	838	714	776	2,328	911	0.92	0.78	0.85	2.56	1,087	1,276	1,174	391
New Jersey	1,404	1,914	7,898	11,216	7,515	0.19	0.25	1.05	1.49	5,353	3,926	952	670
New Mexico	84	79	1,271	1,434	1,424	0.06	0.06	0.89	1.01	16,952	18,025	1,120	993
New York*	23,672	4,098	—	27,770	17,735	1.33	0.23	—	1.57	749	4,328	—	639
North Dakota	1,418	153	—	1,571	686	2.07	0.22	—	2.29	484	4,484	—	437
Oklahoma	—	848	—	848	3,298	—	0.26	—	0.26	—	3,889	—	3,889
Rhode Island	1,448	307	—	1,755	962	1.51	0.32	—	1.82	664	3,134	—	548
South Carolina	1,735	1,231	—	2,966	3,300	0.53	0.37	—	0.90	1,902	2,681	—	1,113
South Dakota	906	572	—	1,478	706	1.28	0.81	—	2.09	779	1,234	—	478
Tennessee	1,016	576	—	1,592	4,717	0.22	0.12	—	0.34	4,643	8,189	—	2,963
Texas	8,412	3,378	—	11,790	15,989	0.53	0.21	—	0.74	1,901	4,733	—	1,356
Wisconsin	12,863	1,844	—	14,707	4,766	2.70	0.39	—	3.09	371	2,585	—	324
Subtotal License States	**104,936**	**52,029**	**52,704**	**209,669**	**167,508**	**0.63**	**0.31**	**0.31**	**1.25**	**1,596**	**3,220**	**3,178**	**799**
CONTROL STATES													
Alabama	1,596	144	768	2,508	3,990	0.40	0.04	0.19	0.63	2,500	27,708	5,195	1,591
Idaho	842	135	—	977	1,001	0.84	0.13	—	0.98	1,189	7,415	—	1,025
Iowa	4,545	216	—	4,761	2,910	1.56	0.07	—	1.64	640	13,472	—	611
Maine	1,275	131	—	1,406	1,156	1.10	0.11	—	1.22	907	8,824	—	822
Michigan	9,306	4,004	—	13,310	9,075	1.03	0.44	—	1.47	975	2,266	—	682
Mississippi	596	670	—	1,266	2,598	0.23	0.26	—	0.49	4,359	3,878	—	2,052
Montana	—	140	1,637	1,777	824	—	0.17	1.99	2.16	—	5,886	503	464
New Hampshire	1,404	73	—	1,479	977	1.44	0.07	—	1.51	695	13,384	—	661
North Carolina	1,245	387	—	1,632	6,165	0.20	0.06	—	0.26	4,952	15,930	—	3,778
Ohio	11,773	423	—	12,196	10,752	1.09	0.04	—	1.13	913	25,418	—	882
Oregon	1,531	273	—	1,804	2,674	0.57	0.10	—	0.67	1,747	9,795	—	1,482
Pennsylvania	18,944	712	—	19,656	11,901	1.59	0.06	—	1.65	628	16,715	—	605
Utah	169	120	165	454	1,652	0.10	0.07	0.10	0.27	9,775	13,767	10,012	3,639
Vermont	1,132	67	—	1,199	530	2.14	0.13	—	2.26	468	7,910	—	442
Virginia	1,886	237	—	2,123	5,636	0.33	0.04	—	0.38	2,988	23,781	—	2,655
Washington	2,592	394	—	2,986	4,349	0.60	0.09	—	0.69	1,678	11,038	—	1,456
West Virginia	1,291	158	—	1,449	1,952	0.66	0.08	—	0.74	1,512	12,354	—	1,347
Wyoming	656	105	177	938	511	1.28	0.21	0.35	1.84	779	4,867	2,887	545
Subtotal Control States	**60,785**	**8,389**	**2,747**	**71,921**	**68,653**	**0.89**	**0.12**	**0.04**	**1.05**	**1,129**	**8,184**	**24,992**	**955**
TOTAL UNITED STATES	**165,721**	**60,418**	**55,451**	**281,590**	**236,161**	**0.70**	**0.26**	**0.23**	**1.19**	**1,425**	**3,909**	**4,259**	**839**

NOTE: Because of rounding, detail may not add to total.
*1981 data.

Table 51. Summary of Local Option Changes by State, 1984

State and County	Type of Change	County Population (000)	Wet to Dry		Dry to Wet		Net Gain (Loss) for Legal Sales	
			Number of Counties	County Population (000)	Number of Counties	County Population (000)	Number of Counties	County Population (000)
Alabama			0	0	1	22	1	22
Butler	Dry to Wet	22						
South Dakota			1	7	0	0	(1)	(7)
Todd	Wet to Dry	7						
Texas			1	20	0	0	(1)	(20)
Deaf Smith	Wet to Dry	20						
Total			**2**	**27**	**1**	**22**	**(1)**	**(5)**

Compiled from county population estimates for July 1, 1984, and based on status as of Dec. 31, 1984.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 52. Legal Minimum Age for Purchase of Distilled Spirits, July 1985 and Legal Age Population by State, July 1984

State	Legal Age		State	Legal Age	
	Minimum	Population (000)		Minimum	Population (000)
LICENSE STATES			**CONTROL STATES**		
Alaska	21	309	Alabama	19	2,815
Arizona	21	2,053	Idaho	19	663
Arkansas	21	1,585	Iowa	19	2,082
California	21	17,698	Maine	21	789
Colorado	21	2,159	Michigan	21	6,109
Connecticut	20	2,299	Mississippi	21	1,666
Delaware	21	423	Montana	19	576
District of Columbia	21	453	New Hampshire	21	674
Florida	21	7,982	North Carolina	21	4,236
Georgia	19	4,105	Ohio	21	7,322
Hawaii	18	752	Oregon	21	1,846
Illinois	21	7,844	Pennsylvania	21	8,409
Indiana	21	3,698	Utah	21	939
Kansas	21	1,663	Vermont	18	391
Kentucky	21	2,501	Virginia	21	3,902
Louisiana	18	3,106	Washington	21	2,983
Maryland	21	3,025	West Virginia	19	1,392
Massachusetts	21	4,111	Wyoming	19	345
Minnesota	19	2,971			
Missouri	21	3,439	**Subtotal Control States**		**47,139**
Nebraska	21	1,083	**U.S. TOTAL**		**163,985**
Nevada	21	633			
New Jersey	21	5,300			
New Mexico	21	913			
New York	19	13,060			
North Dakota	21	456			
Oklahoma	21	2,215			
Rhode Island	21	686			
South Carolina	21	2,195			
South Dakota	21	464			
Tennessee	21	3,235			
Texas	19	11,020			
Wisconsin	19	3,410			
Subtotal License States		**116,846**			

Sources: Bureau of the Census, U.S. Department of Commerce; DISCUS.

Table 53. Number of States[a] with Legal Drinking Age 18, 19, 20, and 21 for 1975, 1980, 1984, and 1985[b]

Minimum Drinking Age	Distilled Spirits				Table Wine				Fortified Wine			
	1975	1980	1984	1985	1975	1980	1984	1985	1975	1980	1984	1985
18	19	8	3	3	24	11	5	5	20	7	3	3
19	7	13	13	11	7	14	15	12	7	14	14	11
20	1	5	5	1	1	5	3	2	1	5	5	2
21	24	25	30	36	19	21	28	32	23	25	29	35
Total[a]	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**

Minimum Drinking Age	3.2% Beer				Over 3.2% Beer			
	1975	1980	1984	1985	1975	1980	1984	1985
18	30	19	7	7	24	13	4	4
19	7	13	18	14	7	13	17	14
20	1	5	5	2	1	5	5	2
21	13	14	21	28	18	20	25	31
Total[a]	**51**	**51**	**51**	**51**	**50[c]**	**51**	**51**	**51**

[a]Including District of Columbia.
[b]As of July 1, 1985.
[c]West Virginia not included since purchase of over 3.2% beer not legal in 1975 in that state.

GLOSSARY

Affirmation state—any state to which all distillers or importers must *affirm* that the prices charged purchasers doing business in the state are not higher than prices charged purchasers in any other state. All states are affirmation states except Alaska, Arkansas, Colorado, District of Columbia, Illinois, Indiana, Kentucky, Missouri, North Dakota, Texas, and Wisonsin.

Alcohol—see *Neutral spirits.*

Alternative devices—see *Strip stamp.*

Apparent consumption—volume of distilled spirits sold at retail to consumers or moving toward retail sale. In most Control States consumption is based on retail sales in state liquor stores except in Mississippi and Wyoming where it is based on sales to private retailers by state-operated warehouses. In most License States consumption is based on reported gallonage on which state taxes have been paid, or on dollar tax revenues collected from wholesalers as reported by state revenue authorities. In the latter case, volume is determined by dividing revenues collected by the tax rate per gallon. In Hawaii, Georgia, Missouri, South Carolina, and South Dakota, consumption is based on distiller sales to wholesalers. In Wisconsin, based on sales by wholesalers to retailers.

Actual ingestion by consumers occurs sometime after tax collections, wholesale shipments, and retail sales have been made. Stock changes at retail and in the home, which affect measurement of consumer intake, are not accounted for in these estimates. Also, certain other factors, especially tourist and cross-border sales, may distort individual state estimates.

BATF (Bureau of Alcohol, Tobacco, and Firearms)—agency in the U.S. Treasury Department that regulates production and marketing of distilled spirits and enforces federal regulations governing the operations of distillers, bottlers, importers, wholesalers, and others engaged in production and marketing of alcohol beverages.

Brandy[1]—an alcohol distillate from the fermented juice, mash, or wine of fruit, or from the residue thereof, produced at less than 190 proof, in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to the product, and bottled at not less than 80 proof. Fruit brandy derived from grapes may be designated grape brandy or brandy. Fruit brandy, other than grape brandy, derived from one variety of fruit, should be designated by the word "brandy" qualified by the name of such fruit (for example, "peach brandy"), except that "apple brandy" may be designated **applejack.**

Cognac—grape brandy distilled in the Cognac region of France, which is entitled to be so designated by the laws and regulations of the French Government.

Neutral brandy—brandy produced at more than 170 proof.

Charcoal filtered—use of charcoal or activated carbon to remove certain substances from alcohol distillates by absorption.

Cocktails and mixed drinks—alcohol beverages produced by mixing one or more alcohol beverage (whiskey, gin, vodka, rum, brandy, liqueurs, wine, or beer) with or without flavorings, eggs, non-alcohol beverages, juices, or water.

Cognac—*see Brandy.*

Commercial exports—shipments of distilled spirits to foreign destinations for commercial resale. Does not include shipments to U.S. military and diplomatic establishments outside of the United States or foreign merchandise passing through the United States in transit from one country to another.

Congeners—constituents in beverage spirits that impart flavor and aroma resulting from fermentation, distillation, and maturation.

Control states—eighteen states in which a government monopoly exists for off-premise sales of distilled spirits at retail, wholesale, or both. Beer and wine generally sold in private outlets. Control States include: Alabama, Idaho, Iowa, Maine, Michigan, Mississippi, Montana, New Hampshire, North Carolina, Ohio, Oregon, Pennsylvania, Utah, Vermont, Virginia, Washington, West Virginia, and Wyoming. Montgomery County, Md., also has a monopoly of sales through county wholesale and retail outlets.

Cordials—see *Liqueurs or cordials.*

Distillation—partial vaporization and condensation to concentrate beverage spirits through separation from water and other fermented components. Ethyl alcohol vaporizes at 172.9 degrees Fahrenheit (78.3 degrees Celsius). When the fermented liquid is heated to the boiling point of alcohol but below that of water, the vapors of alcohol and the desired flavor components can be drawn off and condensed.

Distillers dried gains—residues that result from drying the solids and liquids remaining after distillation.

Doubling—further distillation to acquire an additional degree of refinement.

Excise tax—tax levied on commodities and services. The federal excise tax on distilled spirits is $10.50 per proof gallon ($12.50, effective Oct. 1, 1985). License and control states levy excise taxes on distilled spirits on the basis of wine gallons, liters, or value.

Feints—the third fraction of the distillation cycle derived from the distillation of low wines in a pot still. Also, the undesirable constituents (mostly aldehydes and fusel oil) of the wash that are removed during the distillation of grain whiskey in a continuous still.

Foreshots—the first fraction of the distillation cycle derived from the distillation of low wines in a pot still.

Fusel oil—heavier, pungent-tasting alcohols produced during fermentation. Fusel oil is composed of approximately 70 percent amyl alcohols, 15 percent butyl alcohols, and 5 percent other alcohols.

Gin—a product obtained by original distillation from mash, or by redistillation of distilled spirits, or by mixing neutral spirits, with or over juniper berries and other aromatics or extracts, including mixtures of gin and neutral spirits. Gin must derive its main characteristic flavor from juniper berries and must be bottled at not less than 80 proof.

Grain spirits and grain neutral spirits—neutral spirits distilled from a fermented mash of grain. Qualities developed during storage in oak containers distinguish grain neutral spirits from neutral spirits.

Heads—distillate containing a high percentage of low-boiling components such as aldehydes.

High wines—beverage spirit distillates that have undergone complete distillation.

License state—states where private individuals can obtain licenses to sell distilled spirits. Thirty-two states and the District of Columbia permit such private sales. Wyoming, Mississippi, and to a major extent Michigan issue licenses for private sales at retail but sales at wholesale are by state-operated warehouses.

Limestone water—water with special qualities making it peculiarly adaptable to fine whiskey production; primary soft water never used before for any other purpose with a proper proportion of mineral content (no iron); cool water that is pure and free from contamination of any kind.

Liqueurs or cordials—products obtained by mixing or redistilling distilled spirits with or over fruits, flowers, plants, pure juices, natural flavoring materials, and extracts with content of sugar, dextrose, or levulose, or combinations at not less than 2½ percent by weight of the finished product.

Liquid gallon—measure of volume regardless of alcohol content. May be used interchangeably with wine gallon. See *Proof gallon, Tax gallon,* and *Wine gallon.*

[1]Brandy and other spirit definitions have been derived from *Regulations Under the Federal Alcohol Administration Act, Part 5, Subpart C,* Standards of Identity for Distilled Spirits, (Title 27, Code of Federal Regulations).

Local option—choice of whether to permit or prohibit the sale of distilled spirits, wine, or beer as decided by local voters. Such choice is made in 39 states on the basis of laws or state constitutional provisions adopted after the repeal of Prohibition in 1933.

Low wines—the initial product obtained by separating in a pot still the beverage spirits and congeners from the wash. Low wines are subjected to at least one more pot still distillation to attain a greater degree of refinement in the malt whiskey.

Metric system—since 1901 all spirits sold in the U.S. have been bottled in metric containers. The different sizes, usual pack per case, and equivalent gallons per case are:

Bottle Size	Usual Number of Bottles	Liters Per Case	Equivalent Gallons Per Case
1.75 liter	6	10.5	2.774
1.00 liter	12	12.0	3.170
750 ml	12	9.0	2.378
500 ml	24	12.0	3.170
375 ml	24	9.0	2.378
200 ml	48	9.6	2.536
100 ml	48	4.8	1.268
50 ml	120	6.0	1.585

Neutral spirits or alcohol—distilled spirits produced from any material at very high proof (190 proof or above), lacking any distinctive taste, color, or odor and being neutral in character. Used for blending with straight whiskey, brandy, etc., and for making vodka, gin, liqueurs, etc.

Off-premise outlet—retail establishment selling alcohol beverages in consumer-size containers that are removed from the retail establishment and consumed elsewhere.

On-premise outlet—retail establishment where alcohol beverages are consumed in the establishment—taverns, bars, restaurants, clubs, etc. In some states these outlets also have licenses to sell for off-premise consumption.

Processing—includes blending of spirits, redistillation of spirits, and mixing of spirits with flavoring or coloring materials. Examples: blended whiskeys processed by mixing straight whiskeys with neutral spirits, flavorings, etc; or spirits redistilled to obtain flavor qualities as in the production of gin; or neutral and other spirits transformed into liqueurs or cordials by the addition of flavoring essences and other materials.

Proof—a measure of the amount of alcohol in spirits. Proof is twice the percentage of alcohol by volume. Thus, 100 proof whiskey is 50 percent alcohol by volume.

Most classes of spirits including all types of whiskey, vodka, gin, brandy, rum, and tequila are now bottled at not less than 80 proof.

Liqueurs and cocktails are usually less than 80 proof. Rye and bourbon liqueurs cannot be less than 60 proof according to U.S. Government regulations. Rock and rye, rock and brandy, etc., may not be less than 48 proof. Flavored vodka, gin, rum, and other spirits may not be less than 70 proof. Cocktails or sloe gin do not have a minimum required proof.

Proof gallon—standard U.S. gallon of 231 cubic inches at 60 degrees Fahrenheit containing 50 percent by volume of ethyl alcohol (100° proof).

Rum—an alcohol distillate from the fermented juice of sugar cane, sugar cane syrup, sugar cane molasses, or other sugar cane by-products, produced at less than 190 proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to rum, and bottled at not less than 80 proof; also includes mixtures solely of such distillates.

Sour mash—whiskey that is made from a yeast mash soured with lactic culture for a minimum of six hours; the fermenter mash must contain at least 25 percent of stillage (the screened residue from the base of the whiskey still) and the fermenting time must be at least 72 hours.

Strip stamp—paper stamp of the U.S. Bureau of Alcohol, Tobacco, and Firearms, affixed over the closure of a bottle of distilled spirits. Strip stamps were formerly used to indicate payment of taxes but have not been used for this purpose in recent years. Green stamps are for bottled-in-bond spirits, red stamps for most other distilled spirits.

Since 1980, BATF has approved the use of alternative devices for strip stamps. These closures are affixed to bottled distilled spirits in lieu of strip stamps, e.g., vacuum-formed aluminum caps.

The use of strip stamps has been discontinued by BATF, effective July 1, 1985. Tamper apparent alternative closures must now be supplied by the bottler.

Supplier price index—representative prices charged by distillers, importers, and other suppliers of distilled spirits inclusive of federal excise tax and import duty, calculated in an index by the Distilled Spirits Council of the United States, Inc.

Tails—residual alcohol distillate containing high-boiling components such as fusel oils and organic acids.

Tax gallon—unit of distilled spirits on which the federal excise tax is levied. The federal excise tax on all spirits is $12.50 per 100° proof gallon so that a tax gallon is equivalent to a proof gallon. Before Jan. 1, 1980, imports of bottled distilled spirits were taxed at $10.50 per *wine* gallon, regardless of proof.

Tequila—an alcohol distillate from a fermented mash derived principally from the *Agave tequilana weber* ("blue" variety), with or without additional fermentable substances, distilled in such a manner that the distillate possesses the taste, aroma, and characteristics generally attributed to tequila and bottled at not less than 80° proof; also includes mixtures solely of such distillates. Tequila is a distinctive product of Mexico, manufactured in Mexico in compliance with the laws of Mexico.

UNIMERC-Universal Numeric Code—a 21-digit code for distilled spirits, beer, and wine that identifies class, type, brand, supplier, proof, age, size, and type of packaging. UNIMERC is used extensively for identification of products of the alcohol beverage industry. The Bureau of Alcohol, Tobacco, and Firearms utilizes the UNIMERC system in classifying alcohol beverage products and also in assigning vendor codes. Connecticut, Maryland, Missouri, and New York utilize UNIMERC in whole or in part for their regulatory systems. Private firms also use the code for record keeping and for other purposes. The Distilled Spirits Council of the United States, Inc., assigns UNIMERC codes and maintains records of code assignments.

UPC-Universal Product Code—a 10-digit number and a machine readable bar symbol representing this number, which uniquely identifies a product for purposes of pricing at retail point of sale and for recording inventory. For distilled spirits and wine, the first digit of the code consists of an 8 followed by the four-digit vendor number of the producer, bottler, or importer that has been assigned by BATF. The last five digits are assigned to each product by the producer, bottler, or importer. Symbols and code numbers are printed on labels and otherwise affixed to bottles, boxes, and cases to identify a particular product by brand, size, and price.

Vodka—a type of neutral spirit so distilled or treated after distillation with charcoal or other materials as to be without distinctive character, aroma, taste, or color.

Wash—liquid obtained by fermenting wort with yeast.

Wet county—county (or similar governmental jurisdiction) whose voters have approved the legal sale of beverage alcohol. Jurisdictions that allow sale only in private clubs but not elsewhere are *not* classified as wet.

Whiskey (American, Irish) or Whisky (Scotch, Canadian)—alcohol distillate from a fermented mash of grain, distilled at less than 190 proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to whiskey. Aged in oak barrels and bottled at not less than 80 proof.

American

Bourbon whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 51

percent corn, and stored at not more than 125 proof in charred new oak containers; also includes mixtures of such whiskeys of the same type.

Rye whiskey—same as bourbon except that it must be produced from not less than 51 percent rye.

Corn whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 80 percent corn grain, and if stored in oak containers has been stored at not more than 125 proof in used or uncharred new oak containers and has not been subjected in any manner to treatment with charred wood.

Light whiskey—whiskey produced in the United States at more than 160 proof, on or after Jan. 26, 1968, and stored in used or uncharred new oak containers.

Straight whiskey—homogeneous whiskeys stored in new oak containers for a period of two years or more may be designated as straight whiskey, for example, "straight bourbon whiskey," "straight corn whiskey."

Blended whiskey—a mixture which contains at least 20 percent of straight whiskey on a proof gallon basis and separately or in combination contains whiskey or neutral spirits.

Bonded whiskey—straight whiskey that has been stored continuously for at least four years in wooden barrels and bottled at 100 proof. After storage, such whiskey is entitled to be labeled as bottled-in-bond.

The term bottled-in-bond is not a guarantee of quality, but refers only to the regulatory procedure under which it is bottled.

Foreign (Imported) Whiskey

Scotch, Irish, Canadian whiskey—distinctive products of Scotland, Ireland, and Canada respectively, manufactured in compliance with the laws of these countries.

Wine gallon (bulk or liquid gallon)—measure of liquid volume, regardless of alcohol content. The standard U.S. wine gallon contains 231 cubic inches at 60°F. See also *Liquid gallon, Proof gallon, Tax gallon.*

Withdrawals—the quantity of distilled spirits removed from government-inspected premises. *Tax-paid* withdrawals are the amount of spirits on which federal excise taxes have been paid. *Tax-free* withdrawals are withdrawals of spirits that have been exempted from federal excise taxes. Examples of tax-free withdrawals are denatured alcohol, shipments destined for export, alcohol for use in hospitals, and distilled spirits for use by the United States Government.

The all-in-bond system of taxation introduced in 1980 shifted the point at which withdrawals are measured to the point of shipment of packaged products. Formerly measurement was at the point of dumping for processing and bottling.

Wort—liquid drained off the mash-tub and containing maltase, a grain sugar derived from the conversion of starch during the mashing process by the action of the organic enzyme, maltase, found in barley malt.

Zymase—a yeast biochemical catalyst which produces ethyl alcohol and carbon dioxide from sugars.

SELECTED STATISTICAL SOURCES

Sources of statistics on distilled spirits that have come to the attention of the editors are listed below. Additional source materials will be included as they become available in the future.

Association of Canadian Distillers, The
Canadian and Imported Spirits: the Five-Year Summary, 1974-1978
Canadian spirits' market by class, sales by province by class, domestic and imported sales by province and class, per capita consumption by province, whisky cost breakdown, excise duties and taxes, consumer price indices, exports by country of destination.

Brewers Association of Canada
Alcohol Beverage Taxation and Control Policies: International Survey
Per capita consumption of alcohol beverages and other statistics for Austria, Belgium, Canada, Czechoslovakia, Denmark, Finland, France, Hungary, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Poland, Spain, Sweden, Switzerland, United Kingdom, United States, and West Germany.

Brewers' Society, The
United Kingdom Statistical Handbook
Beer production and consumption; brewing materials; wines, spirits, cider, soft drinks, inter-drink comparisons; prices and expenditures; excise and customs duties on beer, wine, spirits; licensing statistics; drunkenness statistics; population in the United Kingdom; structure of the U.K. brewing industry; international statistics on beer production and consumption; wine and distilled spirits consumption.

Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury
Monthly Statistical Report—Distilled Spirits (Report 76)
Distilled spirits production by class and type, bottling for domestic use and export, stocks, materials used in production.

California Brandy Advisory Board (CBAB) (Prepared by the Wine Institute for CBAB)
Brandy Statistics (monthly)
Brandy production, withdrawals, and inventories.

Cognac, Bureau National du; Division de la Statistique et du Controle des Ages
Cognac Statistiques Annees Civiles (annual)
Cognac sales and exports by country of destination.

Cognac, Bureau National du
Rapport sur la Situation et l'Évaluation du Marché du Cognac et du Pineau des Charentes (annual)
History, description, and delimitation of the Cognac district of France; regulations governing production and distribution of Cognac; Cognac and brandy production, stocks, sales, consumption, taxation, and exports by country of destination.

Commerce Clearing House, Inc.
State Tax Handbook
Includes tax laws and provisions on distilled spirits by state.

Commerce Clearing House, Inc.
State Tax Review (weekly)
Includes tax law changes affecting spirits.

DISCUS
Facts Book: Public Attitudes and Economic Patterns (annual)
Legal age population; industry contributions to the economy and to other industries; price changes; consumers' tax burden; consumer expenditures on alcohol beverages; sales and consumption of distilled spirits; federal, state, and local revenues from alcohol beverages.

DISCUS
Public Revenues From Alcohol Beverages (annual)
Federal, state, and local revenues from distilled spirits, wine, and beer, current and historical; import duties, federal and license state excise rates; per capita apparent consumption; and state and local tax structures by state.

DISCUS
Summary of State Laws and Regulations Relating to Distilled Spirits (every two years)
A detailed presentation of laws and regulations, including controlling agencies, local options, advertising control, retail licenses, prohibited hours of sale, markups, taxes, licenses, registration of brands, credit restrictions, resale price maintenance, and legal age.

DISCUS
Tax Briefs (annual)
Current and historical data on federal excise taxes on distilled spirits, wine and beer; U.S. import duties; state and local revenues from distilled spirits; state tax rates.

DISCUS
Universal Numeric Code for Alcohol Beverages, Part I Distilled Spirits
Comprehensive list and codes for distilled spirits by vendors and brands.

Jobson Publishing Corporation
The Liquor Handbook (annual)
Marketing data for the United States.

National Alcoholic Beverage Control Association, Inc.
Monthly Sales Report of Alcoholic Beverages
Annual Summary of Sales of Alcoholic Beverages in the Control State Store Systems
Monthly and annual, for each state: distilled spirits' brand leaders arrayed and ranked by case sales; case sales of distilled spirits and wines by class, type, brand, bottle size, and vendor.

National Alcoholic Beverage Control Association, Inc.
Yearbook
Statistical section includes state control information, holidays, drinking age, number of state stores and agencies, sales, case sales, consumption, marketing trends, consumer size preferences, sales penetration by control state.

Produktschap voor Gedistilleerde Dranken
Consumption of Alcoholic Beverages throughout the World (How many alcoholic beverages are being consumed throughout the world?) (published in the Netherlands, annually).
Per capita consumption of spirits, beer, wine, and alcohol beverages by country, annually; production of spirits, beer, and wine by country; per capita consumption of spirits, beer, and wine by country.

Scotch Whisky Association
Statistical Report (annual)
Production and stocks of Scotch whisky. Exports of Scotch and Northern Irish whisky, historical and by country of destination.

Shanken, M., Communications, Inc.
Impact, Market Watch
Distilled Spirits market: statistics and analyses.

Statistics Canada
Canadian Statistical Review (monthly)
Canadian production of distilled spirits, producer price indices, distilleries.

Statistics Canada
Distilleries (Catalogue 32-206, annual)
Canadian production, stocks, raw materials, value added, wages.
The Control and Sales of Alcoholic Beverages in Canada (Catalogue 63-202, annual)
Canadian revenues, sales of wine, beer, and distilled spirits; production; storage; imports; exports.

United States Government
Department of Commerce, Bureau of the Census
Survey of Manufactures
Payroll, wages, value added, cost of materials, value of shipments, inventories, labor cost.
Distilled spirits except brandy

Glass Containers (monthly)
Production, shipments, and stocks by size including use for liquor
Monthly Retail Sales
Eating and drinking places
Drinking places (alcohol beverages)
Liquor stores

Department of Commerce, Bureau of Economic Analysis
Survey of Current Business
Personal consumption expenditures
Alcohol beverages for off-premise consumption
Other alcohol beverages

Department of Labor, Bureau of Labor Statistics
Monthly Consumer Price Index
Whiskey
Other Distilled Spirits
Wine
Beer and Ale
Alcoholic Beverages

Monthly Producer Price Index
Alcohol beverages
Whiskey

International Trade Commission
Tariff Schedules of the United States